

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 60335 — Safety of Household and Similar Electrical Appliances

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference SSR-DMS-60335 • ISO Security Safety & Risk

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	SSR-DMS-60335
AWARD	Certificate
ASSESSMENT	430 marks — 258 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

ISO Standards and Regulatory Frameworks

5 chapters · 30 classes 85 marks

• 1 Understanding ISO 60335 Standards for Household Appliances — 6 classes

› 1.1 Explore the Importance of ISO 60335 Standards in Appliance Safety

› 1.2 Identify Key Components of ISO 60335 Standards for Household Appliances

› 1.3 Analyze the Regulatory Framework Surrounding ISO 60335 Compliance

› 1.4 Examine Testing Methods for ISO 60335 Certification

› 1.5 Discuss Common Non-Compliance Issues and Their Solutions

› 1.6 Apply ISO 60335 Standards to Real-Life Examples of Household Appliances

• 2 Regulatory Frameworks Impacting ISO 60335 Compliance — 6 classes

› 2.1 Identify Key Regulatory Bodies Influencing ISO 60335 Compliance

› 2.2 Analyze Legislative Frameworks Impacting Electrical Appliance Safety

› 2.3 Examine International Standards Related to ISO 60335

› 2.4 Compare National Regulations with ISO 60335 Requirements

› 2.5 Evaluate Compliance Processes for Household Electrical Appliances

› 2.6 Implement Best Practices for Regulatory Compliance in Product Design

• 3 Risk Assessment and Management in Appliance Design — 6 classes

› 3.1 Identify Key Components of Risk Assessment in Appliance Design

› 3.2 Analyze Potential Hazards Associated with Electrical Appliances

› 3.3 Evaluate Risk Levels Using Qualitative and Quantitative Methods

› 3.4 Develop Effective Risk Management Strategies for Appliance Safety

› 3.5 Implement ISO 60335 Requirements in Appliance Design Processes

› 3.6 Create a Comprehensive Risk Assessment Report for a Domestic Appliance

• 4 Testing Procedures and Compliance Verification for Electrical Appliances — 6 classes

› 4.1 Understand Key ISO 60335 Requirements for Testing Electrical Appliances

› 4.2 Identify Common Testing Procedures for Household Appliances

› 4.3 Interpret Compliance Verification Documentation for Electrical Products

› 4.4 Assess Risk Factors in Testing Household Electrical Appliances

› 4.5 Apply Testing Procedures in Real-World Scenarios for Compliance

› 4.6 Evaluate the Impact of Non-compliance on Safety and Regulations

• 5 Future Trends in ISO Standards and Domestic Safety Innovations — 6 classes

› 5.1 Analyze Emerging Trends in ISO Standards for Domestic Safety

› 5.2 Explore Innovations in Domestic Electrical Appliance Safety

› 5.3 Evaluate the Impact of Smart Technology on ISO Compliance

› 5.4 Investigate Regulatory Changes Affecting Household Appliance Safety

› 5.5 Design a Safety Improvement Plan for Electrical Appliances

› 5.6 Implement a Future-Proof Strategy for Compliance with ISO Standards

• 1 Understanding Leadership Roles in Safety Management — 6

classes

- › 1.1 Define Key Leadership Roles in Safety Management
- › 1.2 Identify Effective Communication Strategies in Leadership
- › 1.3 Explore Team Dynamics and Their Impact on Safety Culture
- › 1.4 Analyze Case Studies of Leadership in Safety Incidents
- › 1.5 Develop Action Plans for Enhancing Team Leadership in Safety
- › 1.6 Implement Feedback Mechanisms for Continuous Improvement in Safety Leadership

• 2 Team Dynamics and Communication in Safety Practices — 6

classes

- › 2.1 Identify Key Roles in Safety Leadership
- › 2.2 Analyze Team Dynamics in Safety Scenarios
- › 2.3 Develop Effective Communication Strategies for Safety
- › 2.4 Foster a Culture of Safety within Teams
- › 2.5 Implement Feedback Mechanisms for Safety Improvements
- › 2.6 Evaluate Team Performance in Safety Compliance

• 3 Risk Assessment and Safety Leadership Strategies — 6 classes

- › 3.1 Identify Key Risks in Household Electrical Appliances
- › 3.2 Analyze Risk Factors Affecting Safety Leadership
- › 3.3 Develop a Risk Assessment Framework for Electrical Safety
- › 3.4 Implement Collaborative Safety Leadership Techniques
- › 3.5 Evaluate Team Dynamics in Risk Management Scenarios
- › 3.6 Formulate Action Plans for Risk Mitigation and Safety Improvements

• 4 Fostering a Safety-First Culture in Teams — 6 classes

- › 4.1 Identify Key Elements of a Safety-First Culture
- › 4.2 Analyze Leadership Styles that Promote Safety
- › 4.3 Develop Effective Communication Strategies for Safety
- › 4.4 Assess Team Dynamics and Their Impact on Safety
- › 4.5 Implement Safety Training Programs for Team Members
- › 4.6 Evaluate the Effectiveness of Safety Initiatives in Teams

• 5 Evaluating Leadership Effectiveness in Safety Compliance — 6

classes

- › 5.1 Assess Current Leadership Practices in Safety Compliance
- › 5.2 Identify Key Metrics for Evaluating Leadership Effectiveness
- › 5.3 Analyze Case Studies of Leadership in Safety Scenarios
- › 5.4 Develop Feedback Mechanisms for Leadership Performance
- › 5.5 Create an Action Plan for Leadership Improvement in Safety
- › 5.6 Implement and Review Leadership Strategies for Enhanced Safety Compliance

• 1 Understanding ISO 60335: Scope and Importance — 6 classes

- › 1.1 Define the Scope of ISO 60335 and Its Relevance
- › 1.2 Identify Key Safety Requirements for Electrical Appliances
- › 1.3 Examine the Importance of Compliance in Appliance Safety
- › 1.4 Analyze Real-World Cases of ISO 60335 Applications
- › 1.5 Discuss Challenges in Implementing Safety Standards
- › 1.6 Create a Checklist for Ensuring ISO 60335 Compliance

• 2 Risk Assessment Methodologies in Household Appliances — 6

classes

- › 2.1 Identify Common Risks in Household Appliances
- › 2.2 Analyze the Impact of Electrical Faults on Safety
- › 2.3 Evaluate User Interfaces for Risk Mitigation
- › 2.4 Implement Hazard Identification Techniques
- › 2.5 Develop a Risk Assessment Plan for Appliances
- › 2.6 Review ISO 60335 Compliance in Practical Scenarios

• 3 Design Principles for Safety Compliance — 6 classes

- › 3.1 Identify Key Design Principles for Electrical Safety
- › 3.2 Analyze Safety Standards in Appliance Design
- › 3.3 Evaluate Risk Assessment Techniques for Compliance
- › 3.4 Implement Protective Measures in Design Strategies
- › 3.5 Conduct Safety Compliance Checks on Appliance Prototypes
- › 3.6 Integrate User Feedback into Safety Design Improvements

• 4 Testing Procedures and Standards for Electrical Appliances — 6 classes

- › 4.1 Understand Key Testing Procedures for Electrical Appliances
- › 4.2 Identify Relevant Safety Standards for Appliance Testing
- › 4.3 Examine the Role of Risk Assessment in Testing Procedures
- › 4.4 Apply Testing Methods to Evaluate Appliance Safety
- › 4.5 Analyze Test Results Against ISO 60335 Requirements
- › 4.6 Ensure Compliance Through Documentation and Reporting Standards

• 5 Implementing Safety Management Systems in Production — 6

classes

- › 5.1 Understand Key Components of Safety Management Systems
- › 5.2 Identify Risks in Household Appliance Production Processes
- › 5.3 Develop Safety Protocols for Electrical Appliances
- › 5.4 Implement Hazard Analysis and Risk Assessment Techniques
- › 5.5 Monitor and Evaluate Safety Management System Effectiveness
- › 5.6 Promote a Safety Culture Among Production Staff

• 1 Understanding ISO 60335 Standards and Their Importance — 6 classes

- › 1.1 Explore the Fundamentals of ISO 60335 Standards
- › 1.2 Identify Key Safety Principles in Household Appliances
- › 1.3 Analyze the Impact of Compliance on Consumer Safety
- › 1.4 Investigate Common Non-Compliance Issues in Electrical Appliances
- › 1.5 Evaluate Risk Assessment Processes Under ISO 60335
- › 1.6 Implement Best Practices for ISO 60335 Certification Preparation

• 2 Identifying Risks in Household Electrical Appliances — 6 classes

- › 2.1 Assess Electrical Appliance Risks in the Home Environment
- › 2.2 Identify Common Hazards Associated with Household Appliances
- › 2.3 Analyze Electrical Standards and Regulations for Safety
- › 2.4 Evaluate the Impact of Improper Use on Appliance Safety
- › 2.5 Develop Strategies for Mitigating Identified Risks
- › 2.6 Create a Safety Action Plan for Household Appliances

• 3 Developing Safety Initiatives Based on ISO 60335 — 6 classes

- › 3.1 Analyze ISO 60335 Standards for Safety Initiatives
- › 3.2 Identify Key Risk Factors in Household Electrical Appliances
- › 3.3 Develop a Safety Strategy Based on ISO 60335 Guidelines
- › 3.4 Implement Risk Assessment Techniques for Appliance Safety
- › 3.5 Create an Action Plan for Compliance with ISO 60335
- › 3.6 Evaluate the Effectiveness of Safety Initiatives Post-Implementation

• 4 Project Management Methodologies for Safety Initiatives — 6 classes

- › 4.1 Identify Key Project Management Methodologies for Safety Initiatives
- › 4.2 Analyze the Role of ISO Standards in Project Management
- › 4.3 Develop a Risk Management Plan for Electrical Appliance Safety Projects
- › 4.4 Implement Agile Methodologies in Safety Initiative Projects
- › 4.5 Evaluate Project Success Metrics in Safety Initiatives
- › 4.6 Create a Safety Initiative Project Plan Integrating Multiple Methodologies

• 5 Evaluating the Effectiveness of Safety Projects — 6 classes

- › 5.1 Define Key Performance Indicators for Safety Projects
- › 5.2 Assess Risk Reduction Metrics in Electrical Appliances
- › 5.3 Analyze Feedback Mechanisms from Stakeholders
- › 5.4 Implement Data Collection Strategies for Evaluation
- › 5.5 Interpret Evaluation Results for Continuous Improvement
- › 5.6 Develop Action Plans Based on Safety Project Outcomes

• 1 Introduction to Risk Assessment Principles in Domestic Electrical Appliances — 6 classes

- › 1.1 Identify Common Hazards in Household Electrical Appliances
- › 1.2 Analyze the Impact of Electrical Hazards on User Safety
- › 1.3 Evaluate Risk Factors Associated with Domestic Appliances
- › 1.4 Implement Basic Risk Assessment Techniques for Appliances
- › 1.5 Develop a Safety Management Plan for Electrical Appliances
- › 1.6 Review Case Studies of Electrical Appliance Safety Incidents

• 2 Identifying Hazards in Household and Similar Electrical Appliances — 6 classes

- › 2.1 Recognize Common Electrical Hazards in Appliances
- › 2.2 Analyze the Risks of Faulty Electrical Components
- › 2.3 Assess User-Related Hazards in Appliance Operation
- › 2.4 Evaluate the Impact of Environmental Factors on Safety
- › 2.5 Apply Risk Assessment Techniques to Household Appliances
- › 2.6 Develop Strategies for Hazard Mitigation in Electric Appliances

• 3 Evaluating Risks: Methodologies and Tools — 6 classes

- › 3.1 Identify Risks in Electrical Appliances Using ISO 60335 Guidelines
- › 3.2 Analyze Risk Severity and Probability for Household Appliances
- › 3.3 Apply a Risk Matrix to Evaluate Safety Risks in Appliances
- › 3.4 Compare Qualitative and Quantitative Risk Assessment Techniques
- › 3.5 Develop and Document Risk Management Strategies for Compliance
- › 3.6 Review Case Studies to Enhance Risk Evaluation Skills

• 4 Implementing Control Measures for Risk Mitigation — 6 classes

- › 4.1 Identify Hazards in Household Electrical Appliances
- › 4.2 Assess Risk Levels for Appliance Usage
- › 4.3 Explore Control Measures for Electrical Safety
- › 4.4 Develop a Risk Mitigation Plan for Appliances
- › 4.5 Implement Control Measures in Real-World Scenarios
- › 4.6 Review and Revise Risk Management Strategies

• 5 Monitoring and Reviewing Risk Management Practices — 6 classes

- › 5.1 Identify Key Components of Risk Management in Household Appliances
- › 5.2 Analyze Current Risk Assessment Practices for Electrical Appliances
- › 5.3 Evaluate the Effectiveness of Monitoring Techniques in Risk Management
- › 5.4 Discuss Regulatory Compliance and Its Impact on Safety Standards
- › 5.5 Develop Strategies for Continuous Improvement in Risk Management
- › 5.6 Create an Action Plan for Implementing Review Findings in Practice

• 1 Understanding ISO 60335 Standards and Their Importance — 6 classes

- › 1.1 Define ISO 60335 Standards and Their Scope
- › 1.2 Identify Key Safety Compliance Requirements in ISO 60335
- › 1.3 Analyze the Importance of ISO 60335 for Consumer Safety
- › 1.4 Explore Common Non-Conformities in Household Appliances
- › 1.5 Implement Practical Safety Compliance Strategies for Electrical Appliances
- › 1.6 Evaluate Case Studies on ISO 60335 Compliance and Safety Outcomes

• 2 Risk Assessment and Hazard Identification in Domestic Appliances — 6 classes

- › 2.1 Identify Common Hazards in Household Appliances
- › 2.2 Assess Risks Associated with Electrical Appliances
- › 2.3 Evaluate Safety Standards Relevant to Domestic Appliances
- › 2.4 Conduct a Safety Compliance Checklist for Appliances
- › 2.5 Develop Risk Mitigation Strategies for Identified Hazards
- › 2.6 Implement a Risk Management Plan for Household Appliances

• 3 Compliance Strategies for Electrical Safety in Appliance Design — 6 classes

- › 3.1 Identify Key Safety Standards for Electrical Appliances
- › 3.2 Assess Risks Associated with Household Electrical Appliances
- › 3.3 Integrate Safety Features into Appliance Design
- › 3.4 Conduct Compliance Testing for Electrical Safety
- › 3.5 Develop Documentation for ISO 60335 Compliance
- › 3.6 Implement Continuous Improvement Strategies for Safety Compliance

• 4 Testing and Certification Processes for Electrical Appliances — 6 classes

- › 4.1 Understand the Importance of ISO 60335 Compliance
- › 4.2 Explore Key Testing Methods for Electrical Appliances
- › 4.3 Identify the Standards for Safety Testing Procedures
- › 4.4 Assess Risks and Safety Hazards in Appliance Testing
- › 4.5 Document and Analyze Test Results for Compliance
- › 4.6 Develop a Certification Strategy for Household Appliances

• 5 Implementing Continuous Compliance and Quality Improvement — 6 classes

- › 5.1 Identify Key ISO 60335 Compliance Requirements
- › 5.2 Assess Current Compliance Status of Electrical Appliances
- › 5.3 Develop a Continuous Compliance Strategy
- › 5.4 Implement Quality Improvement Methods for Safety
- › 5.5 Monitor and Audit Compliance Processes Regularly
- › 5.6 Foster a Culture of Safety and Compliance within Teams