LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 14687 — Hydrogen Fuel Product Specification

ISO Certification Programme

LAPT — London Academy of Professional Training

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Reference ENG-HYD-14687 • ISO Energy

UKPRN 10067351 • Registered in England and Wales, company 4984798

6	5	30	430	60%	Lifetime
SUBJECTS	CHAPTERS	CLASSES	TOTAL MARKS	PASS MARK	VALIDITY

AT A GLANCE

REFERENCE	**ENG-HYD-14687**
AWARD	**Certificate**
ASSESSMENT	**430 marks — 258 to pass (60%)**
PREREQUISITES	**None**
VALIDITY	**Lifetime**
AWARDING BODY	**LAPT — London Academy of Professional Training**

CURRICULUM

1	Evaluating Organisational Practices	0 chapters	45 marks
2	Leadership in Hydrogen Technology	0 chapters	45 marks
3	Policy Implications of Hydrogen Fuel Standards	0 chapters	65 marks
4	Quality Assurance in Hydrogen Fuel Production	0 chapters	105 marks
5	Strategic Initiatives for Compliance	0 chapters	65 marks

6 Understanding ISO 14687 Standards

5 chapters · 30 classes **105 marks**

- **1 Introduction to Hydrogen as an Energy Carrier** — 6 classes
  - 1.1 Define Hydrogen and Its Role as an Energy Carrier
  - 1.2 Explore the Properties of Hydrogen Fuel
  - 1.3 Discuss the Environmental Benefits of Hydrogen Energy
  - 1.4 Identify Key Applications of Hydrogen in Energy Systems
  - 1.5 Examine Global Trends in Hydrogen Energy Adoption
  - 1.6 Evaluate the Impact of ISO 14687 Standards on Hydrogen Fuel Quality
- **2 Overview of ISO Standards in Hydrogen Technologies** — 6 classes
  - 2.1 Define ISO Standards and Their Importance in Hydrogen Technologies
  - 2.2 Identify Key Components of ISO 14687 for Hydrogen Fuel Specifications
  - 2.3 Analyze the Role of Standardization in Enhancing Hydrogen Safety
  - 2.4 Compare ISO 14687 with Other Industry Standards for Hydrogen
  - 2.5 Evaluate the Impact of ISO 14687 Compliance on Hydrogen Market Development
  - 2.6 Implement Best Practices for Adhering to ISO 14687 Standards in Projects
- **3 Detailed Analysis of ISO 14687 Specifications** — 6 classes
  - 3.1 Analyze the Scope of ISO 14687 Specifications
  - 3.2 Identify Key Components of Hydrogen Fuel Quality
  - 3.3 Examine Testing Procedures for Hydrogen Quality Assurance
  - 3.4 Evaluate the Implementation Challenges of ISO 14687
  - 3.5 Apply ISO 14687 Standards to Real-World Scenarios
  - 3.6 Develop a Compliance Checklist Based on ISO 14687
- **4 Implementation of ISO 14687 in the Industry** — 6 classes
  - 4.1 Assess Key Components of ISO 14687 Standards
  - 4.2 Identify Challenges in Implementing ISO 14687 in Industry
  - 4.3 Develop Strategies for Effective ISO 14687 Adoption
  - 4.4 Evaluate Case Studies of ISO 14687 Implementation
  - 4.5 Create an Action Plan for ISO 14687 Integration
  - 4.6 Measure Success Metrics for ISO 14687 Compliance
- **5 Future Trends and Challenges in Hydrogen Standardization** — 6 classes
  - 5.1 Analyze Future Trends in Hydrogen Standardization
  - 5.2 Evaluate Key Challenges in Implementing ISO 14687
  - 5.3 Discuss Innovations Impacting Hydrogen Standards
  - 5.4 Identify Stakeholders in Hydrogen Standardization Process
  - 5.5 Propose Solutions to Overcome Standardization Challenges
  - 5.6 Develop a Strategic Plan for Adopting ISO 14687 Standards