

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 61215 — Terrestrial Photovoltaic Module Design Qualification

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 ENG-RNW-61215 • ISO Energy

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	ENG-RNW-61215
AWARD	Certificate
ASSESSMENT	100 marks — 60 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

ISO ENG Foundation

4 chapters · 24 classes100 marks

• 4 Clause 4: Context of the Organisation — 6 classes

› Understanding the Organisation in Solar Module Qualification

› Identifying Interested Parties in Photovoltaic Design

› Defining the Scope of ISO 61215 Standards

› Establishing Management System Boundaries for PV Modules

› Assessing Stakeholder Needs in Solar Energy Systems

› Analyzing Contextual Factors in Photovoltaic Module Design

• 5 Clause 5: Leadership — 6 classes

› Understanding Leadership Commitment in ISO 61215

› Establishing Effective Policies for Photovoltaic Module Quality

› Defining Roles and Responsibilities in Solar Module Design

› Authority Structures in Terrestrial Photovoltaic Module Management

› Integrating Leadership into ISO 61215 Compliance Strategies

› Promoting a Culture of Leadership in Renewable Energy

• 6 Clause 6: Planning — 6 classes

› Identifying Risks in Photovoltaic Module Design

› Opportunities for Innovation in Solar Technology

› Setting Objectives for Effective Module Planning

› Risk Mitigation Strategies in ISO 61215 Compliance

› Integrating Stakeholder Input in Module Development

› Measuring Success: Key Performance Indicators for Photovoltaics

• 7 Clause 7: Support — 6 classes

› 4.1 Understand the Importance of Support Structures in PV Module Design

› 4.2 Identify Different Types of Support Structures for Terrestrial PV Modules

› 4.3 Analyze the Impact of Environmental Factors on Support Requirements

› 4.4 Evaluate Material Choices for PV Support Structures

› 4.5 Design a Basic Support System for a Photovoltaic Module

› 4.6 Assess the Compliance of Support Structures with ISO 61215 Standards

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Curriculum current at the date of issue.