Title: EAL Level 3 NVQ Diploma in Installing Electrotechnical Systems and Equipment (Buildings, Structures and the Environment) (QCF)

At a glance …

Qualification code: 501/1605/8
Level: 3
Credit value: 104
Guided learning hours: 726
Minimum learner age: 16
Registration end date: N/A
Certification end date: N/A
Learner pre-requisites: There are no formal entry requirements for this qualification, however due to the assessment requirements of the performance units, learners would typically be working within the electrical industry.
What is this qualification?

This qualification is a National Vocational Qualification (NVQ) and is part of the Apprenticeship framework developed by SummitSkills.

NVQs encourage an employee to value their contribution to the workplace, and develop their skills and potential. It is recognised by the Joint Industry Board (JIB) for grading. This qualification requires occupational evidence.

Who is this qualification for?

This qualification is for:

- those who wish to become a competent electrician
- those who wish to pursue a career in the electrotechnical/building services sector
- learners undertaking SummitSkills Apprenticeship frameworks.

What does it cover?

The skills and knowledge required to install electrotechnical systems and equipment in buildings, structures and the environment.

The qualification is made up of knowledge units and performance units. The units cover a wide range of topics including health and safety, environmental technology systems, overseeing and organising the work environment, planning, preparing and installing electrical systems and equipment, terminating and connecting conductors, cables and flexible cords, inspecting, testing, commissioning and fault diagnosis and correction.

Integral to this qualification is the Electrotechnical Occupational Competence Unit which is assessed by the AM2.

Where does this qualification lead?

- EAL qualifications in environmental technology systems
- EAL Level 3 Award in the Initial Verification and Certification of Electrical Installations (QCF) 600/4337/4
- EAL Level 3 Award in the Periodic Inspection, Testing and Certification of Electrical Installations (QCF) 600/4338/6
- EAL Level 3 Award in Approving Electrical Installation Work in Dwellings in Compliance with Building Regulations (QCF)
- EAL qualifications in 17th Edition, requirements for electrical installations BS7671
- EAL recognised in-house training course on the 1st Amendment of the 17th Edition Wiring Regulations (BS7671)
- EAL Level 3 Award in the In-Service Inspections and Testing of Electrical Equipment (PAT) (QCF).
How is the qualification delivered?
The knowledge units are typically Centre delivered though workshop practicals, and classroom study. The performance units require evidence from the workplace.

How is the qualification assessed?
The knowledge units have on-screen exams and internal (Centre marked) practical assignments. The performance units are locally assessed and require occupational evidence. The Diploma also requires the completion of Electrotechnical Occupational Competence Unit which is assessed by the AM2 at an NET Centre.

Related qualifications
- EAL qualifications in environmental technology systems
- EAL Level 3 Award in the Initial Verification and Certification of Electrical Installations (QCF) 600/4337/4
- EAL Level 3 Award in the Periodic Inspection, Testing and Certification of Electrical Installations (QCF) 600/4338/6
- EAL qualifications in 17th Edition, requirements for electrical installations BS7671
- EAL recognised in-house training course on the 1st Amendment of the 17th Edition Wiring Regulations (BS7671)
- EAL Level 3 Award in the In-Service Inspections and Testing of Electrical Equipment (PAT) (QCF)
- EAL Level 2 Diploma in Electrical Installation (QCF)
- EAL Level 3 Award in Approving Electrical Installation Work in Dwellings in Compliance with Building Regulations (QCF)
- EAL Level 3 Certificate in Installing, Testing and Ensuring Compliance of Electrical Installations in Dwellings (QCF) 600/7695/1.
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