

EAL Purpose Statement:

Qualification Title:	501/1605/8 EAL Level 3 NVQ Diploma in Installing Electrotechnical Systems and Equipment (Buildings, Structures and the Environment) (QCF)
Qualification Overview:	<p>This qualification covers the industry standard of the skills and understanding required for the installation of electrotechnical systems and equipment in buildings, structures and the environment. The units cover specialist 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 industry renowned AM2 test.</p> <p>What does this qualification cover?</p> <ul style="list-style-type: none"> • The qualification covers areas including environmental technology systems, preparing and installing electrical systems and equipment, terminating and connecting conductors, cables and flexible cords, and inspecting, testing, commissioning and fault diagnosis and correction. • Learners must complete the relevant knowledge units before the performance units, and finish with the Electrotechnical Occupational Competence Unit which is assessed by the AM2 test. • It is accredited by Ofqual at QCF level three. <p>Who could take this qualification? OR who is this qualification designed for?</p> <ul style="list-style-type: none"> • New or existing workers looking to pursue a career as a competent electrician • Learners on an Electrotechnical Apprenticeship • Those who wish to gain the skills and qualification to work as a competent electrician • Those looking to achieve a qualification that is recognised by the Joint Industry Board (JIB) for professional grading in the industry • EAL recognised in-house training course on the 1st Amendment of the 17th Edition Wiring Regulations (BS7671). This bespoke training route will help contractors who are already 17th Edition qualified – and those who need to be aware of the changing regulations – adjust their practices and work safely within the updated standard. Those who successfully complete the training will receive an EAL Certificate of Attendance, showing their awareness of the updated standards <p>It is suitable for learners aged:</p> <ul style="list-style-type: none"> • 16-18 • 19+
What could this qualification lead to?	<p>Typical job roles include:</p> <p>Electrician</p> <p>This qualification relates to the following EAL qualifications:</p> <ul style="list-style-type: none"> • EAL Qualifications in environmental technology systems • EAL Qualifications in inspecting and testing, and in-service inspection and testing • EAL Qualifications in access to building services engineering • EAL Qualifications in building management systems

	<ul style="list-style-type: none"> • EAL Level 3 Award In the Initial verification and Certification of Electrical Installation (QCF) • EAL Level 3 Award In the Periodic Inspection, Testing and Certification of Electrical Installations (QCF) • EAL Qualifications in 17th Edition, requirements for electrical installations BS7671 • EAL Level 3 Award In the In-Service Inspections and Testing of Electrical Equipment (PAT) (QCF) • EAL Level 3 Award in Approving Electrical Installation Work in Dwellings in Compliance with Building Regulations (QCF). <p>Apprenticeships: This qualification forms part of the SummitSkills apprenticeship frameworks.</p>
<p>Who supports this qualification?</p>	<p>Is recognised by the electrical Joint Industry Board (JIB) for grading. It is recognised by Electrical Competent Persons Scheme Providers. It has been developed in conjunction with industry and training providers. Recognised throughout the industry as the level expected of an electrician. The qualification is supported by Certsure LLP trading as NICEIC & ELECSA.</p>