

Qualification factsheet

A photograph of an electrician wearing a yellow hard hat and a dark blue work jacket, focused on working with a complex electrical control panel. The panel is filled with various components, including switches, relays, and a dense network of colored wires. The electrician is using a pair of pliers to work on a component within the panel.

Title: EAL Level 3 Award in the In-Service Inspection and Testing Of Electrical Equipment (PAT) (QCF)

At a glance ...

Qualification code:	600/4340/4
Level:	3
Credit value:	4
Guided learning hours:	35
Minimum learner age:	16
Registration end date:	N/A
Certification end date:	N/A

What are the learner pre-requisites?

Centres should ensure that the learners have the potential to achieve the qualification unit. Learners must have the minimum levels of literacy and numeracy to comply with the health and safety aspects of the scheme, the completion of the learning outcomes and the assessments.

What is this qualification?

This award gives the learner an understanding of the theory and practice of the in-service inspection and testing of electrical equipment, commonly referred to as PAT testing (Portable Appliance Testing).

The award follows the industry recognised IET (IEE) Code of Practice published by the Institution of Engineering and Technology. It provides a facility for individuals to develop and/or enhance their knowledge and skills so they can inspect electrical equipment which is 'in-service'.

Who is this qualification for?

This qualification is for:

- those who wish to carry out formal visual inspections, and inspections and tests of electrical equipment
- electricians who wish to enhance their knowledge and skills
- those who wish to pursue a career in the electrotechnical/building services sector.

What does it cover?

The skills and knowledge required to carry out the in-service inspection and testing of electrical equipment. This Award has one unit which covers: statutory and non-statutory requirements, electrical units, equipment construction, inspection and testing theory, practical inspection and testing of equipment and completion of documentation.

Where does this qualification lead?

- EAL Level 3 NVQ Diploma in Building Energy Management Systems (QCF)
- EAL Level 3 Award in the In-Service Inspections and Testing of Electrical Equipment (PAT) (QCF)
- EAL Level 3 NVQ Diploma in Electrotechnical Services (Maintaining Electrotechnical Systems) (QCF)
- EAL Level 3 NVQ Diploma in Installing Electrotechnical Systems and Equipment (Building, Structures and Environment) (QCF)
- 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 Level 3 Certificate in Installing, Testing and Ensuring Compliance of Electrical Installations in Dwellings (QCF)
- EAL Level 3 Award in Approving Electrical Installation Work in Dwellings in Compliance with Building Regulations (QCF).



How is the qualification delivered?

The qualification unit is typically Centre delivered though workshop practical, and classroom study

How is the qualification assessed?

One on-screen exam and a Centre marked practical task.

Related qualifications

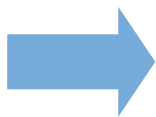
- EAL Level 2 Diploma in Electrical Installation (QCF)
- EAL Level 3 Diploma in Electrical Installation (QCF)
- EAL Level 3 NVQ Diploma in Building Energy Management Systems (QCF)
- EAL Level 3 Award in Requirements for Electrical Installation BS7671: June 2008 (2011) (QCF)
- EAL Level 3 NVQ Diploma in Electrotechnical Services (Maintaining Electrotechnical Systems) (QCF)
- EAL Level 3 NVQ Diploma in Installing Electrotechnical Systems and Equipment (Building, Structures and Environment) (QCF)
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