

Framework & Qualifications – Electrical Installation

Apprentices work towards a number of qualifications, called a “Framework”, usually including an NVQ, a Technical Certificate, at least two Key Skills and Employment Rights & Responsibilities. Some frameworks also have additional skills tests.

The **Advanced Apprenticeship Framework for Electrical Installation** has the following qualifications –

- **NVQ in Electrotechnical Services Electrical Installation (Buildings & Structures) – Level 3**
 - Unit 301 Ensure safe site working
 - Unit 302 Diagnose and correct electrical faults
 - Unit 303 Provide technical and functional information to relevant people
 - Unit 304 Maintain a healthy and safe working environment
 - Unit 305 Prepare to install electrical wiring systems, wiring enclosures and equipment
 - Unit 306 Install electrical wiring systems, wiring enclosures and equipment
 - Unit 307 Connect wiring systems and equipment using safe and approved methods
 - Unit 308 Inspect, test and commission an electrical installation

- **Technical Certificate in Electrotechnical Technology – Installation (Buildings & Structures) Level 2 100/3569/2**
 - Unit 201 Working effectively and safely in the electrotechnical environment
 - Unit 202 Principles of electrotechnology (stage one)
 - Unit 203 Application of health and safety and electrical principles (stage two)
 - Unit 204 Installation (buildings and structures)

- **Technical Certificate in Electrotechnical Technology – Installation (Buildings & Structures) Level 3 100/3602/7**
 - Unit 301 Application of health and safety and electrical principles (stage three)
 - Unit 302 Installation (buildings and structures) inspection, testing and commissioning
 - Unit 303 Installation (buildings and structures) fault diagnosis and rectification

- **Key Skills**
 - Application of Number Level 2
 - Communication Level 2
 - Information Technology Level 1

- **Employment Responsibilities and Rights Supporting Craft Occupations**

- **Apprenticeship Occupation Practical Performance Assessment (PPA)**
 - Achievement Measurement 2 (AM2)
 - A1 Composite installation
 - A2 Visual inspection
 - A3 Functional operation
 - B Inspection and installation of composite installation
 - C1 Safe isolation of test unit (including risk assessment)
 - C2 Safe isolation of supply
 - D1 Fault diagnosis
 - D2 Fault rectification