

TO BE COMPLETED BY THE TRAINING PROVIDER

Please read this in conjunction with information provided on the EWA website and in the Qualification Manual to ensure the candidate is eligible for the EWA and the selected Entry Test before proceeding.

EAL ELECTRICAL UNDERPINNING KNOWLEDGE AND UNDERSTANDING TESTS (ENTRY FOR EXPERIENCED WORKER ROUTE) (LEVEL 3 EQUIVALENT)

Each test is specifically designed for individuals who meet the following criteria:

- Has the appropriate knowledge and understanding of electrical theory but does not possess a minimum Level 2 qualification (as detailed in the relevant EWA Skills Scan) required to undertake either the Installation & Maintenance Electrician or Domestic Electrician Experienced Worker Assessment.
- Has substantial industry experience (normally at least 10 years working as a practising electrician) that meets the requirements outlined in the relevant EWA Skills Scan. Experience and current work must cover the range of practical activities required to generate evidence for performance assessments within the 18-month time period.

It is **not** intended for:

- New entrants to the electrotechnical industry
- Apprentices or other trainees
- Individuals with limited 'practising' experience.

This is a Level 3 test which features electrical design-based questions and science and principles, including three-phase theory calculations.

TEST COVERAGE

To pass the test you will need to demonstrate breadth and depth of knowledge and understanding covering all the areas listed below. Your training provider will verify your knowledge and understanding before they recommend that you be approved to take the test:

- How relevant legislation applies in the workplace
- The procedures for establishing a safe working environment
- The requirements for identifying and dealing with hazards in the work environment
- How to prepare for the installation of wiring systems
- The practices and procedures for carrying out electrical work
- The characteristics and applications of supply systems and consumer's equipment
- Earthing and protection
- The relationship between resistance, resistivity, voltage, current, and power
- How different electrical properties can affect electrical circuits, systems, and equipment
- The operating principles of electrical components (the Domestic test covers the principles and applications of heating systems instead)
- The applications of wiring systems
- Electrical systems and circuits
- The electrical design procedure
- The requirements for completing the safe isolation of electrical circuits and installations
- The requirements for the safe testing and commissioning of electrical installations
- Application of BS 7671 and the IET On-Site Guide

CANDIDATE AND TRAINING PROVIDER DECLARATION

This form **MUST** be completed for every candidate, verified by the training provider and sent to TESP to obtain approval before undertaking the test. It must be retained at the Centre for external quality assurance.

Candidate Declaration

I confirm that I am eligible for this test as I have substantial practical work experience and substantial acquired knowledge across the range of activities set out in the Skills Scan for my chosen EWA route.

I attest that I am not re-taking or re-registering on one of the Electrical Underpinning Knowledge and Understanding tests within a period of less than 12 months from any previous attempt. I understand that EAL will conduct robust audits to ensure compliance.

I acknowledge that if I falsely declare my eligibility, any results from this test will be voided.

Candidate Name:

Candidate Signature: Date:

Training Provider Declaration

I confirm that the candidate meets the eligibility requirements as outlined above and that I have verified the Candidate Background Form and their EWA Skills Scan.

Assessor Name:

Organisation:

Assessor Signature: Date:

To be completed by the Training Provider:

Please explain why you are recommending this candidate for an EWA Entry Test:

Number of years spent as a practising electrician (not including time spent in education or training):

Proposed Test Window:

Please note: the 6-month enrolment period for the EWA starts from the date the candidate passes the Entry Test.

For TESP use:

Approved: ☐ Declined: ☐ Date: TESP Reference:

Once completed, this application form must be sent **by the training provider** to info@the-esp.org.uk for candidate verification / approval. **Please allow up to 5 working days for TESP to review this application and respond.**