Qualification Specification

EAL Level 3 Award in the Initial Verification and Certification of Electrical Installations
Qualification Number: 600/4337/4

EAL Level 3 Award in the Periodic Inspection, Testing, and Certification of Electrical Installations
Qualification Number: 600/4338/6

EAL Level 3 Award in Electrical Installation Inspection, Testing, Certification, and Reporting
Qualification Number: 603/2625/6

Issue 1

Table of Contents

1.0 About EAL

For over fifty years, EAL has been the specialist awarding organisation for engineering, manufacturing, building services and related sectors. Developed to the highest technical standards, our qualifications reflect ever-changing industry and regulatory needs. We support the providers of our qualifications with an unparalleled level of service to ensure that learners are well prepared to take the next step in their journeys, whether study, an apprenticeship or work.

Through industry partnerships with EAL centres and training providers, decades of experience supporting our core sectors, and our role as part of the Enginuity Group, we have built unrivalled knowledge and understanding of employer skills needs. As a result, EAL's skills solutions, including apprenticeship End-Point Assessment, External Quality Assurance and qualifications are respected and chosen by employers to deliver real lifelong career benefits for all our learners. That's why in the last ten years, 1.2 million people across the UK have taken EAL qualifications.

1.1 Equal Opportunities and Diversity

EAL expects its centres to enable learners to have equal access to training and assessment for qualifications in line with equalities legislation. Further details can be located in the EAL Equal Opportunities and Diversity Policy:
http://www.eal.org.uk/centre-support/centre-support/policies-and-important-documents

1.2 Customer Experience and Feedback

Customer Experience is a fundamental part of EAL's commitment to you. EAL aims to ensure that all customers receive a high-quality efficient service. We are always interested in feedback and if you have any comments or feedback on our qualifications, products or services, please contact the Customer Experience team:

EAL Customer Experience
Tel: +44 (0)1923 652 400
Email: Customer.Experience@eal.org.uk

2.0 Introduction to the Qualification

What are these qualifications?

These awards between them cover the theory and practice involved with the initial verification and commissioning and periodic inspection, testing and condition reporting of both single and three phase electrical installations. The Level 3 Award in Electrical Installation Inspection, Testing, Certification and Reporting is a combined award and covers both initial verification and periodic inspection and testing.

The awards follow BS 7671 and the industry recognised IET Guidance Note 3 and the Best Practice Guides from Electrical Safety First.

The awards provide an opportunity for individuals to develop and/or enhance their knowledge and skills in the inspection and testing of single and three phase low voltage electrical installations.

Who are these qualifications for?

- Those who wish to further their career in the electrotechnical sector
- Electricians who wish to carry out inspection, testing and commissioning; and periodic inspection, testing and condition reporting
- Those who wish to obtain an industry recognised qualification.

What do these qualifications cover?

The application of knowledge involved with the inspection and testing of electrical installations. Each Award has one unit which covers the necessary learning outcomes for initial verification, and periodic inspection and testing of electrical installations. This includes learning outcomes about safe isolation, inspection, safe testing, pre-energised and energised tests, documentation, and the practical use of test equipment. The structure of each of the qualifications is listed in Section 3. The examinations for these qualifications are open book. The on-screen exam allows the use of Guidance Note 3 Inspection & Testing Published by The Institution of Engineering and Technology.

2.1 Qualification Support Materials

The following materials are available for the qualifications:

- Delivery pack, containing the qualification unit and all relevant tutor guidance relating to the delivery and assessment
- Learner assessment pack, containing the learner's instructions for the practical assessments

All materials can be accessed by EAL registered Centres from the EAL website, www.eal.org.uk

2.2 Achievement of the Qualifications

Each qualification is achieved when the unit assessments have been successfully completed. The Centre will then be able to apply for the learner's certificate. Overall grading type: Pass /Fail.

2.3 Accreditation and Industry Support for these Qualifications

These qualifications:
- are regulated at level three
- are recognised by the sector and were developed in conjunction with the industry.

2.4 Progression Opportunities

The qualifications relate to various electrotechnical qualifications including:

- EAL electrical apprenticeship qualifications
- EAL qualifications in environmental technology systems
- EAL Level 3 Award in the In-Service Inspections and Testing of Electrical Equipment (PAT)
- EAL Level 3 Award in the Design, Installation and Commissioning of Electrical Energy Storage Systems
- EAL Level 3 Award in the Installation of Small Scale Solar Photovoltaic Systems
- EAL Level 3 Award in the Requirements for the Installation of Electric Vehicle Charging Points
- EAL Level 4 Award in the Design and Verification of Electrical Installations.

2.4 Sustainability and Other EAL Qualifications

EAL has a range of qualifications that may be of interest including other products relating to sustainability.
Please see the EAL website for further details.

3.0 Qualification Structure

3.1 Rule of Combination

3.1a EAL Level 3 Award in the Initial Verification and Certification of Electrical Installations

This qualification will be obtained by the learner once they have completed the single mandatory unit below. It has a Total Qualification Time (TQT) 46 hours (notional time required by the learner to complete the qualification).

Mandatory Unit:

EAL Code	Unit Title	Level	Credit	GLH	Ofqual Code
QIT3/001	Principles, Practices and Legislation for the Initial Verification of Electrical Installations	3	5	36	D/503/5258

3.1b EAL Level 3 Award in the Periodic Inspection, Testing, and Certification of Electrical Installations

This qualification will be obtained by the learner once they have completed the single mandatory unit below. It has a TQT of 51 hours.

Mandatory Unit:

EAL Code	Unit Title	Level	Credit	GLH	Ofqual Code
QCR3/001	Principles, Practices and Legislation for the Periodic Inspection, Testing and Condition Reporting of Electrical Installations	3	5	37	T/503/7873

3.1c EAL Level 3 Award in Electrical Installation Inspection, Testing, Certification, and Reporting

This qualification will be obtained by the learner once they have completed the single mandatory unit below. It has a TQT of 50 hours.

Mandatory Unit:

EAL Code	Unit Title	Level	GLH	Ofqual Code
ITC3/001	Electrical Installation Inspection, Testing, Certification and Reporting	3	45	M/616/7080

4.0 Centre and Qualification Approval

Centres wishing to deliver the qualification will need to comply with this Qualification Specification and EAL's centre recognition criteria. Centres must also put in place the appropriate physical and human resources and administration systems to effectively run the qualification.

For existing EAL centres to put the qualification on your centre remit:
To add the qualification to your centre qualification remit, create and complete a qualification approval application form in Smarter Touch and submit to EAL.

For non EAL centres to gain centre approval to run the qualification:
Please contact the EAL Customer Experience Team:

EAL Customer Experience
Tel: +44 (0)1923 652 400
Email: Customer.Experience@eal.org.uk

5.0 Profiles and Requirements

5.1 Staff Responsible for Registering and Certification of Learners

Centres are required to appoint a suitable member of staff who can take responsibility for registering learners onto qualifications, submitting entries for assessments to EAL, and taking receipt of external assessment procedures (if appropriate). They may also be responsible for applying to EAL for learner certificates. The role may be undertaken by the same person who undertakes quality assurance.

5.2 Teaching Staff

Teaching staff must have knowledge and understanding of:
- the occupations covered by this qualification.
- the qualification structure and content.
- the learning outcomes and assessment criteria they are delivering.

Teaching staff will also:
- have a minimum 2 years' experience in teaching/training
  or
- be working towards an appropriate teaching/training qualification
  or
- hold an appropriate teaching/training qualification (e.g. Cert Ed, PCET or Learning and Development trainer units).

5.3 Learners

Learners must have the minimum levels of literacy and numeracy to complete the learning outcomes and assessments.

Centres should make learners with particular requirements aware of the content of the qualification and they should be given every opportunity to successfully complete the qualification. EAL will consider any reasonable suggestions for, and from, those with disabilities that would help them to achieve the learning outcomes without compromising the standards required.

600/4337/4 – Initial Verification
There are no formal entry requirements for the initial verification qualification. However, centres should ensure that learners have the potential to achieve the qualification.

600/4338/6 and 603/2625/6 – Periodic Inspection and Testing
These qualifications are intended for electricians who hold relevant Level 3 electrotechnical qualifications and want to undertake Continuing Professional Development (CPD), learn new skills, and enhance their understanding of periodic inspection and testing of electrical installations.

The periodic inspection and testing qualifications must NOT be taken by learners new to the industry who do not possess sufficient skills, knowledge, and experience to undertake inspection and testing safely and competently. These qualifications are also not suitable for

learners with limited experience of working in the electrotechnical sector, or who do not already hold relevant Level 3 electrotechnical qualifications. Centres should conduct a thorough initial assessment of applicants to establish that their current skills, knowledge, and experience is sufficient prior to qualification enrolment.

Age Restrictions
Learners must be at least 18 years old.

5.4 Assessors

The centre must provide EAL with the names of any teachers, trainers or other individuals who will undertake internal assessment (referred to as assessors), so that these can be approved prior to them carrying out an assessment role.

Assessors must have:
- A minimum of 2 years' occupational experience within the area they are assessing
- knowledge and understanding of the assessment criteria they are assessing
- knowledge and understanding of the qualification structure, content and assessment components
- an understanding of the assessment process.

Assessors will also:
- have 2 years' experience in assessment of knowledge-based qualifications
  or
- be working towards an appropriate assessment qualification.
  (Note: 'Candidate assessors' who are working towards their assessor qualifications must be countersigned by a qualified assessor. Candidate assessors must have a clear action plan for achieving the assessor qualification(s). Assessor approval will be withdrawn if a relevant qualification has not been attained within 18 months).
  or
- hold an appropriate assessment qualification (as above).

Assessors that hold either 'D' or 'A' units must also have evidence of Continuing Professional Development (CPD) to demonstrate compliance with the current assessor standards. There will be instances where the teaching staff will also take on the role of the internal assessors. In such cases, the member of staff must be able to demonstrate that they satisfy the requirements of both teaching staff and assessor criteria.

Assessor CPD
The occupational competence of assessors must be updated on a regular basis and be periodically confirmed with CPD via the Assessment Centre. Evidence of CPD will be sought by the External Quality Assurer for all approved Assessors at the centre.

It is the responsibility of each assessor to identify and make use of opportunities for CPD, such as industry conferences, access to trade journals, and Professional Body/Trade Association events, at least on an annual basis to enhance and upgrade their professional development and technical knowledge. It is imperative that records are kept of all such CPD opportunities/occasions and that they provide evidence of cascading such technical knowledge and industry intelligence to all relevant colleagues.

5.5 Internal Quality Assurers

The centre must provide EAL with the names of any teachers, trainers or other individuals who will undertake internal quality assurance, so that these can be approved prior to them carrying out this role.

The focus of internal quality assurance for this qualification is:
- the quality assurance of assessment procedures, including standardisation of assessment practice across different assessors within the centre
- internal standardisation of marking and moderation of learner marks awarded for the units within the qualification.

Internal quality assurance staff must:
- be familiar with the occupation(s) covered by this qualification
- have knowledge and understanding of the qualification structure and content
- understand the assessment process and the role of quality assurance.

Internal quality assurance staff must also:
- have experience in quality management/internal verification
  or
- hold an appropriate qualification, such as the 'Level 4 Award in the Internal Quality Assurance of Assessment Processes and Practice', or the 'Level 4 Certificate in Leading the Internal Quality Assurance of Assessment Processes and Practice'.

Quality assurance staff are also required to have a minimum of occupational experience evidenced by having an engineering sector related qualification or proven sector competence and/or experience, plus access to relevant 'occupational expertise', which will enable them to conduct their quality assurance role appropriately. This evidence and access to 'occupational expertise' is quality assured by EAL.

CPD of internal quality assurance staff
The occupational experience of internal quality assurance staff must be updated on a regular basis and be periodically confirmed with CPD via the Assessment Centre. This will be quality assured by EAL.

It is the responsibility of each internal quality assurance staff member to identify and make use of opportunities for CPD, such as industry conferences, access to trade journals, and Professional Body/Trade Association events, at least on an annual basis to enhance and upgrade their professional development and technical knowledge. It is imperative that records are kept of all such CPD opportunities/occasions and that they provide evidence of cascading such technical knowledge and industry intelligence to all relevant colleagues.

5.6 Staff Invigilating Onscreen Examinations

Members of staff with responsibility for invigilating onscreen examinations must know, understand and comply with the 'Procedures for Conducting the Exam Component within EAL Qualifications' (EAF1), which is published by EAL.

These members of staff must also:
- have experience in conducting and controlling exam sessions
  or
- be supervised by an individual experienced in conducting and controlling exam sessions.

Note: A teacher/tutor who has prepared the learners for the subject of the exam must not be the sole supervisor at any time during an exam for that subject(s).

5.7 Physical Resources

Safe working is a key issue and all practical activities conducted within the centre must be subject to up-to-date risk assessments. All learners must be properly supervised and wear the correct personal protective equipment. Arrangements for first aid and emergency action in case of accident must be in place.

For the practical assessment, the required resources are detailed within the associated documentation (available from EAL website).

6.0 Assessment

6.1 Introduction

Each of these qualifications is assessed through on-screen multiple-choice examinations and practical assessments. The qualification assessments are graded **Pass** (or **Refer**) only. The learner must pass ALL associated assessments to achieve the given qualification. The practical assessments contribute to approximately half of the assessments within each qualification

Award	Exam 1	Exam 2	Practical 1	Practical 2
EAL Level 3 Award in the Initial Verification and Certification of Electrical Installations	**QIT3/001** 55 Questions	N/A	Initial Inspection Assessment	Initial Verification Assessment
EAL Level 3 Award in the Periodic Inspection, Testing and Certification of Electrical Installations	**QCRB3/001** *Bridging Exam* 35 Questions*	**QCR3/001** 25 Questions	Periodic Inspection Assessment	Periodic Inspection and Testing Assessment
EAL Level 3 Award in Electrical Installation Inspection, Testing, Certification and Reporting	**ITC3/001** 60 Questions	N/A		

Notes: All these qualification assessments are **OPEN BOOK**

* Learners who have already achieved a Level 3 Award in the Initial Verification and Certification of Electrical Installations and have a sufficient and current understanding of the learning outcomes within that unit, need only undertake the QCR3/001 Exam (one on-screen exam). This is because those learners will have already been assessed on the common assessment criteria between the two units.

The practical assessments for QCR3/001 are also used to assess the practical elements of ITC3/001.

The following table indicates the assessment components that are included in the qualification, and for each component:

- Who is responsible for setting and marking the component
- How the component is quality assured

Assessment component	Set by	Marked by	Method of quality assurance	
			Internal	**External**
On-screen exam[1]	EAL	EAL	Exam invigilation	Verification and continuous monitoring via EQA visits
Centre marked practical assessment[2]	EAL	Centre	On-going standardisation within the Centre (Including moderation)	Verification and continuous monitoring via EQA visits

[1] Refer to Section 6.2 External Assessment (On-screen Exam).
[2] Refer to Section 6.3 Centre Marked Assessment.

6.2 External Assessment (On-Screen Exam)

A specification for the on-screen examinations, indicating the percentage coverage for each learning outcome, is provided in Appendix 2.

Key Points

- The on-screen examinations are graded **Pass** (or **Fail**) only
- The pass mark for the on-screen examinations are notionally set at **60%**
    - The on-screen examinations are open book assessments; learners are permitted the use of the IET Guidance Note 3 Inspection and Testing
- See Appendix 2 for details on time and number of questions for each examination.

The exam must be undertaken by the learner under controlled conditions as specified by EAL. Refer to 'EAF1 – EAL Policy – Instructions for Conducting Examinations within EAL Qualifications' and relating guidance in EAL Smarter Touch.

Resitting external assessment (on-screen exam)

Learners who fail to achieve a pass will be permitted to resit the exam after feedback and appropriate tuition has taken place.

The resits for externally set and marked exams will be subject to the current published charges.

6.3 Centre Marked Assessment

The centre marked practical based assessments are set by EAL and marked at the centre. All assessment decisions are subject to internal standardisation and external quality assurance.

Centres should maintain an assessment and feedback record for each learner, which details the evidence evaluated and the feedback given to the learner. These records must be available to the EQA.

Retaking centre marked assessments

Learners who fail to achieve a pass in the practical assessments are only required to retake the task element referred on. Practical assessment resits should only take place after feedback and appropriate tuition has taken place.

Standardisation of internal assessments

Members of the internal quality assurance team at the centre have an important role to play in ensuring that internal assessment is standardised. In particular, they should work with assessors to ensure that the correct procedures are being followed at all times, and to ensure that assessment decisions taken by different assessors are consistent, fair and reliable.

Key activities will include:

- meeting with assessors (individually and collectively) throughout the course to discuss quality assurance, standardisation matters and provide support/guidance where needed
- observing assessors and giving them feedback to help improve their assessment technique
- sampling learner evidence across different learner cohorts to ensure that appropriate standards have been met.

Moderation of centre marked assessments

Moderation is required to ensure that assessment staff are making accurate, consistent judgements against learning outcomes and assessment judgements made for any learner are accurate, fair and comparable with those made for all other learners.

Internal moderation should be conducted by all centres that undertake assessment and marking of assessments on behalf of EAL. The moderation process may sit as a feature of the Centre's internal quality assurance process. Internal quality assurers must ensure this requirement is followed for centre marked assessments.

As part of Centre engagements, a review of internal moderation records and external moderation of assessments may take place. Your assigned AO moderator may be different from your assigned Centre EQA depending on the qualifications and units you deliver.

Further detail, including internal moderation staff requirements, can be found in 'EAL Centre Requirements for Moderation of Centre Marked Assessments' available on Smarter Touch.

7.0 Quality Control of Assessments

There are two major points where EAL interacts with the Centre in relation to the external quality control of assessment for a qualification and these are:

- Approval - when a Centre take on new qualifications, EAL, normally through an external verifier, ensures that the Centre is suitably equipped and prepared to deliver the new qualification.
- Monitoring - throughout the ongoing delivery of the qualification EAL, through external verification monitoring and other mechanisms must maintain and the quality and consistency of assessment of the qualification.

Approval

In granting approval, EAL, normally through its external verifiers must ensure that the prospective Centre:

- Meets any procedural requirements specified by EAL
- Has sufficient and appropriate physical and staff resources
- Meets relevant health and safety and/or equality and access requirements
- Has a robust plan for the delivery, assessment and quality assurance for the qualification/units.

EAL may decide to visit a Centre to view evidence or may undertake this via other means and there must be a clear rationale for the method(s) deployed.

Monitoring

EAL, through external monitoring and other mechanisms will ensure that a strategy is developed and deployed for the ongoing EAL monitoring of the Centre.

This strategy must be based on an active risk assessment of the Centre. In particular, the strategy must identify the apprentice, assessor, and internal verifier sampling strategy to be deployed and the rationale behind this:

- That the Centre's internal quality assurance processes are effective in assessment.
- That sanctions are applied to a Centre where necessary and that corrective actions are taken by the Centre and monitored by the EAL external quality assurer (EQA).
- That reviews of EAL's external auditing arrangements are undertaken.

Appendix 1: Unit Summaries

App. 1a: EAL Level 3 Award in the Initial Verification and Certification of Electrical Installations

Unit QIT3/001: Principles, Practices and Legislation for the Initial Verification of Electrical Installations

This unit aims to provide learners with the knowledge and understanding to undertake practical inspection and testing (initial verification) of multiphase electrical systems equipment.

Learning Outcomes

1. Understand the requirements for completing the safe isolation of electric circuits and installations.
2. Understand the requirements for initial verification of electrical installations.
3. Understand the requirements for completing the inspection of electrical installations prior to their being placed into service.
4. Understand the requirements for the safe testing and commissioning of electrical installations.
5. Understand the requirements for testing before circuits are energised.
6. Understand the requirements for testing energised installations.
7. Understand the requirements for the completion of electrical installation certificates and associated documentation.
8. Be able to confirm safety of system and equipment prior to completion of inspection, testing and commissioning.
9. Be able to carry out inspection of electrical installations prior to them being placed into service.
10. Be able to test electrical installations prior to them being placed into service.
11. Be able to commission electrotechnical systems and equipment.

App. 1b: EAL Level 3 Award in the Periodic Inspection, Testing, and Certification of Electrical Installations

Unit QCR3/001: Principles, Practices and Legislation for the Periodic Inspection, Testing and Condition Reporting of Electrical Installations

This unit aims to provide learners with the knowledge and understanding involved with periodic inspection and testing of electrical installations in accordance with statutory and non-statutory requirements.

Learning Outcomes

1. Understand the requirements for completing the safe isolation of electrical circuits and installations.
2. Understand the requirements for inspecting, testing and recording the condition of electrical installations.
3. Understand the requirements for completing the periodic inspection of electrical installations.
4. Understand the differences between periodic inspection and initial verification.
5. Understand the requirements for the safe testing of electrical installations which have been placed in service.
6. Understand the requirements for testing before circuits are energised.
7. Understand the requirements for testing energised installations.
8. Understand and interpret test results.
9. Understand the requirements for the completion of electrical installation condition reports and associated documentation.
10. Be able to confirm safety of system and equipment prior to completion of inspection and testing.
11. Be able to carry out inspection of electrical installations.
12. Be able to test electrical installations in service.
13. Produce a condition report with recorded observations and classifications.

Unit ITC3/001: Electrical Installation Inspection, Testing, Certification and Reporting

This unit aims to provide learners with the knowledge and understanding involved with both initial and periodic inspection and testing of electrical installations in accordance with statutory and non-statutory requirements.

Learning Outcomes

1. Understand the health and safety requirements which apply when inspecting, testing and commissioning electrical installations.
2. Understand the requirements for inspecting and testing electrical installations.
3. Understand the requirements for the safe inspection of electrical installations.
4. Understand the requirements for the safe testing of electrical installations.
5. Carry out the inspection and testing of an electrical installation.

Appendix 2: Centre Exam Specifications

Unit: QIT3/001 - Principles, Practices and Legislation for the Initial Verification of Electrical Installations

Assessment Type: On-Screen MCQ Exam, Open Book
Number of Questions: 55
Time Allowed: 90 Minutes
Additional resitting constraints: None

The pass mark is notionally set at 60%.

Open book, the following publications are required:
- IET Guidance Note 3 Inspection and Testing.

Candidates may also use a non-programmable calculator.

The examination will cover the knowledge learning outcomes of the unit as follows:

Learning Outcome	Percentage Coverage
1. Understand the requirements for completing the safe isolation of electrical circuits and installations.	13%
2. Understand the requirements for initial verification of electrical installations.	5%
3. Understand the requirements for completing the inspection of electrical installations prior to their being placed into service.	14%
4. Understand the requirements for the safe testing and commissioning of electrical installations.	13%
5. Understand the requirements for testing before circuits are energised.	20%
6. Understand the requirements for testing energised installations.	24%
7. Understand the requirements for the completion of electrical installation certificates and associated documentation.	9%
10. Be able to test electrical installations prior to them being placed into service.	2%
Total:	**100%**

Unit: QCRB3/001 - Principles, Practices and Legislation for the Periodic Inspection, Testing and Condition Reporting of Electrical Installations
Bridging Exam

Assessment Type: On-Screen MCQ Exam, Open Book

Number of Questions: 35

Time Allowed: 60 Minutes

Additional resitting constraints: None

The pass mark is notionally set at 60%.

Open book, the following publications are required:

- IET Guidance Note 3 Inspection and Testing.

Candidates may also use a non-programmable calculator.

The examination will cover the knowledge learning outcomes of the unit as follows:

Learning Outcome	Percentage Coverage
1. Understand the requirements for completing the safe isolation of electrical circuits and installations.	14%
3. Understand the requirements for periodic inspection of electrical installations.	3%
5. Understand the requirements for the safe testing of electrical installations which have been placed in service.	9%
6. Understand the requirements for testing before circuits are energised.	37%
7. Understand the requirements for testing energised installations.	31%
8. Understand and interpret test results.	3%
10. Be able to test electrical installations in service.	3%
Total:	**100%**

Note: A pass in this exam component will allow the learner to progress to the second exam for this qualification (QCR3/001). This bridging exam is only applicable to those learners who do not hold a recognised Level 3 qualification in inspection and testing.

Learners who have already achieved:

- Level 3 Award in the Initial Verification and Certification of Electrical Installations
- **and** have a sufficient and current understanding of the learning outcomes within that unit, need only undertake the QCR3001 Exam (one on-screen exam). This is because those learners will have already been assessed on the common assessment criteria between the two units.

Unit: QCR3/001 - Principles, Practices and Legislation for the Periodic Inspection, Testing and Condition Reporting of Electrical Installations

Assessment Type: On-Screen MCQ Exam, Open Book

Number of Questions: 35

Time Allowed: 60 Minutes

Additional resitting constraints: None

The pass mark is notionally set at 60%.

Open book, the following publications are required:

- IET Guidance Note 3 Inspection and Testing.

Candidates may also use a non-programmable calculator.

The examination will cover the knowledge learning outcomes of the unit as follows:

Learning Outcome	Percentage Coverage
1. Understand the requirements for completing the safe isolation of electrical circuits and installations.	3%
2. Understand the requirements for inspecting, testing, and recording the condition of electrical circuits and installations.	11%
3. Understand the requirements for periodic inspection of electrical installations.	6%
4. Understand the differences between periodic inspection and initial verification.	38%
5. Understand the requirements for the safe testing of electrical installations which have been placed in service.	3%
7. Understand the requirements for testing energised installations.	14%
8. Understand and interpret test results.	14%
9. Understand the requirements for the completion of electrical installation condition reports	11%
Total:	**100%**

Note: In the QCR3/001 Delivery Pack some assessment criteria are highlighted in blue. This identifies it as applicable to a learner who has already achieved the Level 3 Award in the Initial Verification and Certification of Electrical Installations. Therefore, delivery staff should teach those criteria in the context of the learning outcome for those learners, as this is what is assessed in the QCR3001 Exam (described above).

Unit: ITC3/001 – Electrical Installation Inspection, Testing, Certification, and Reporting

Assessment Type: On-Screen MCQ Exam, Open Book

Number of Questions: 60

Time Allowed: 120 Minutes

Additional resitting constraints: None

The pass mark is notionally set at 60%.

Open book, the following publications are required:

- IET Guidance Note 3 Inspection and Testing.

Candidates may also use a non-programmable calculator.

The examination will cover the knowledge learning outcomes of the unit as follows:

Learning Outcome	Percentage Coverage
1. Understand the health and safety requirements that apply when inspecting, testing, and commissioning an electrical installation.	7%
2. Understand the requirements for inspecting and testing electrical installations.	21
3. Understand the requirements for the safe inspection of electrical installations.	20%
4. Understand the requirements for the safe testing of electrical installations.	52%
Total:	**100%**

Appendix 3: Learner Registration and Certification

Learners must be registered with EAL on a code which relates to the qualification. This must be completed prior to assessment. Both learner registration and certification can be completed online at the EAL Website www.eal.org.uk. For paper-based registration and certification use the appropriate forms. These are located on the EAL Website, for guidance on registration and Certification please refer to the Registration and Certification User Guide.

To register the learner on the chosen qualification/pathway code:

Qualification Title	Code
EAL Level 3 Award in the Initial Verification and Certification of Electrical Installations	600/4337/4
EAL Level 3 Award in the Periodic Inspection, Testing, and Certification of Electrical Installations	600/4338/6
EAL Level 3 Award in Electrical Installation, Inspection, Testing, Certification, and Reporting	603/2625/6

Notes: Learners that progress from the **EAL Level 3 Award in the Initial Verification and Certification of Electrical Installations** to the **EAL Level 3 Award In the Periodic Inspection, Testing and Certification of Electrical Installations** will have the exam achievement details updated in the EAL registration system. They will only be required to do the CR exam and not the CR Bridging exam for the EAL Level 3 Award in the Periodic Inspection, Testing and Certification of Electrical Installations.

Centres who already have successfully deliver the EAL Level 3 Award in the Periodic Inspection, Testing and Certification of Electrical Installations 600/4338/6, and have no issues will get automatic approval to run the EAL Level 3 Award in Electrical Installation Inspection, Testing, Certification and Reporting.

See Section 6 of this manual for an outline of the assessment methods.

For further information, please contact EAL Customer Experience:

EAL Customer Experience
Tel: +44 (0)1923 652 400
Email: Customer.Experience@eal.org.uk

Published by: