COMBINED INITIAL VERIFICATION AND CERTIFICATION OF ELECTRICAL INSTALLATIONS & PERIODIC INSPECTION AND TESTING

QCF title:
City & Guilds – QCF Level 3 - Title: Level 3 Award in Inspection and Testing (2391-52), or,
EAL - QCF Level 3 - Title: The Initial Verification and Certification of Electrical Installations, and,
EAL - QCF Level 3 – Title: The Periodic Inspection, Testing and Certification of Electrical Installations.

Who should attend?
This course is aimed at those wishing to gain knowledge and practical understanding of Initial Verification and Certification of electrical systems and those wishing to complete the new Electrical Installation Condition Report (EICR).

Entry Requirements:
There are no formal entry requirements but we do advise candidates to hold a BS7671:2008 - 17th Edition Wiring Regulations qualification or have recently completed an apprenticeship (NVQ Level 3) since 2008. It is ideally suited for practicing electricians who have not carried out inspection and testing since qualifying, or who require some form of update before moving on to other electrical inspection qualifications.

Non-practising electricians would find it very difficult to achieve this qualification and we would recommend pre-reading various publications to include IET Guidance Note 3 and BS7671:2008 - 17th Edition Wiring Regulations Amendment 3 2015, prior to attending the course.

Work areas
Single and three phase domestic, commercial and industrial.

What will I learn?
This qualification gives the individual the knowledge and practical skills to allow them to complete electrical installations certificates or minor works certificates on electrical installations before putting them into service, and completing periodic inspection and testing.

You will also learn:
• The legal responsibilities of an inspector
• The reasons for electrical inspection
• Greater understanding of practical testing techniques
• How to complete electrical installation certificates (including inspection schedule and test results schedule)
• How to complete electrical installation condition reports.
• Practical Inspection and testing of installations

www.niceic.com 0333 015 6627 traininginfo@niceic.com
**COURSE PROGRAMME**

**Day 1**
Statutory and non-statutory documents explained
Safe isolation of single and three phase systems
Types of electrical test equipment

**Day 2**
Documentation explained
  • Minor Electrical Works Certificate
  • Electrical Installation Certificate
  • Schedule of items inspected
  • Schedule of test results
  • Electrical Installation Condition Report (EICR)

**Day 3**
Electrical calculations
Testing methods explained and practically demonstrated
Results interpretation
Code requirements for the EICR

**Day 4**
Practical
Safe Isolation
  • Single phase
  • Three phase
Continuity
Insulation resistance
Polarity
Earth electrode resistance
  • Earth loop impedance
Prospective fault current
Prospective short circuit current
RCD
Functional Documentation completion
EICR coding demonstration

**Day 5**
Revision and review of days 1 – 4
Hands-on Practical training

**Options for Qualifications:**
After completing the training, the candidate will be able to sit either the EAL or City & Guilds Examinations.

*Please be advised that all examinations and practical assessments will take place at a later date once you have completed your training.*

- **EAL Assessment Route:**
  Candidates wishing to take EAL qualification will have to complete the following assessments:
  - 2 x online multiple choice exam (taken on a dedicated exam day in centre).
  - 2 x practical assessments

- **City & Guilds Assessment Route:**
  Candidates wishing to take City & Guilds qualification will have to complete the following assessments:
  - 1 x online multiple choice exam (taken on a dedicated exam day in centre).
  - 1 x written paper (completed during the practical assessment).
  - 1 x practical assessment
What do I need to bring with me?

- IET Requirements for Electrical Installations 17th Edition Regulations Book (latest revision)
- IET Guidance Note 3 Inspection & Testing (latest revision)
- Basic hand tools
  (Flat head screwdriver, terminal screwdriver, Philips head screwdriver, Cutters & pliers)
- Calibrated Test Instruments
- Safe Isolation Equipment
- Safety Glasses or Goggles
- Photographic identification will be required on the day of the examination; please note failure to provide this will result in the candidate not being able to sit the examination.

Not having all of the above items on the day of your training, could compromise the quality of your learning.

- Scientific Calculator
  (Not part of a smartphone application, Google watch or anything that can access the internet)

We provide the Learner’s Guide where applicable, along with lunch and refreshments for each day of the course.

Publications and Test Equipment can be obtained from our sales team by contacting NICEIC Direct 03330156626 or online at www.shop.niceic.com

Next Step
Level 4 Award in the Design & Verification of Electrical Installations

Why train with us?
We provide:

- Highly-skilled, qualified lecturers
- Purpose-built training facilities
- One-stop-shop for NICEIC enquiries
- Lunch and refreshments provided