

Training

**SQA [SELECT] Customised Award in
Initial Verification to BS 7671 (17th Edition)**

SELECT Technical Course 209



Overview:

This SQA approved training programme has been designed for practicing electricians who want to keep their skills and knowledge up-to-date in relation to inspection, testing and certification of new electrical installations and additions and alterations.

The programme is suitable for those who require knowledge of the initial verification process and requirements for certification. Participants gain practical hands-on experience in the use of test instruments.

Successful completion of the course is accepted by the SJIB for Grade Card renewal.

Aim:

The aim of this training programme is to help delegates build their knowledge and practical skills in Initial Verification and in the requirements for certification. This course will help delegates understanding the requirements contained in the latest version of BS 7671 for such work.

Note: This particular course focusses on the requirements for new installations and alterations only. If you are interested in gaining knowledge in Periodic Inspection course 214 is more suitable for your needs.

Course Content:

This programme is made up of two separate parts. There is a short online course* 'Introduction to BS 7671' and delegates attend a one-day training course on Initial Verification of Electrical Installations to BS 7671 : 2008 (2015).

**If you would prefer not to complete an online element, courses 214 or 208 would be suitable alternatives.*

Introduction to BS 7671 (Online Course)

The online course provides a basic introduction to BS 7671. The aim of the course is to ensure that delegates can successfully navigate and find key information from the latest version of the IET Wiring Regulations. This course takes a few hours to complete and can be completed in stages. This course can be done on PC's or I-pads.

To complete the online course, candidates will need access to Requirements for Electrical Installations (17th Edition Wiring Regs) BS 7671:2008 (2015).

The online component complements the material that will be covered on the day-training course. To get the most from the training day we recommend that delegates complete the online course before attending the day-course. However, delegates can complete the online element up to one-month after the training course date.

Initial Verification of Electrical Installations to BS 7671: 2008 (2015) (Day-course)

AM - Principles

- Inspection of new installations.
- Testing of new installations including continuity, insulation resistance, polarity, earth electrode resistance, earth fault loop impedance, RCDs, and prospective fault current.

PM – Practical and Assessment

- Inspection and testing of test board and interpretation of results
- Use of results obtained to complete a schedule of inspections and schedule of test results
- Review of the Certification Requirements required for new installations and additions and alterations as confirmed in Chapter 63

There are assessments throughout the day. Assessment consists of a mix of practical exercises and multiple choice questions.

Candidates must successfully complete BOTH the online course and the day-course before we can apply for the certificate from the SQA.

BOOKING:

For information on course dates and locations, please refer to our website www.select.org.uk or alternatively call the Training Section on 0131 445 5577 and we can sort your booking for you.

We will aim to register you for the online course and send SQA registration paperwork within one working day of your booking.

NOTE:

You are required to bring: Insulation/Continuity Tester, Earth Fault Loop Impedance/Prospective Fault Current Tester and Residual Current Device (RCD) Tester.

The above may be incorporated in one multifunction tester. All test equipment brought to the course should be calibrated and in a safe condition.

If you do not have suitable test equipment available, it is suggested that you consider hiring them, e.g. from your local wholesaler.

<p>PRESENTERS:</p>	<p>SELECT Technical Staff or an independent consultant.</p>
<p>FEES:</p>	<p>SELECT Members - £140 + VAT (£168) Non Members - £230 + VAT (£276)</p>
<p>FUNDING:</p>	<p>Grant support may be available from Skills Development Scotland.</p>