

Level 3 Requirements for Electrical Installations BS7671: 2018 (2382-18)

Number of Delegates:	4 – 18
Course Duration:	3 Days
Course Outcome:	City & Guilds Certificate

Introduction

The brand new 18th Edition course went live in July 2018. The design of new electrical installations will be required to comply to the 18th Edition from the 1st January 2019. We assume that from January 2019 scheme providers will be asking members to hold the 18th Edition, however we expect there to be some flexibility with existing members. Please note that for those who have passed their 17th Edition with the 3rd amendment (usually since 01/01/2015) we can offer a 1-day update course option. All others will need to take a full 3-day 18th Edition course.

Entry requirements

There are no formal entry requirements for this course. As a general rule, candidates should have knowledge of electrical installation and electrical science. If you have no previous installation experience you may want to attend a Building Regulations course before taking this 18th Edition course. The course is primarily aimed at practicing electricians and domestic installers, however it is also very popular with allied professionals such as contracts managers, designers, electrical engineers, consultants, surveyors, and other related trades needing to update and enhance their understanding of the IET Wiring Regulations. All candidates must be over 16 years old.

Why take this course?

Essentially you will want to make sure if you are working in electrical installation that you are designing and installing to the latest regulations. In fact every installation from January 2019 will need to be designed in line with the 18th Edition wiring regulations. Anyone looking to register with a competent persons scheme will need to prove they are up to date even if they have already completed a Level 3 NVQ. Also anyone looking to register with the new ECS Check system will need the latest qualification.

What are the key changes in the 18th Edition?

Key changes to the 18th Edition are as follows:

- Protection against overvoltages – Clause 443 is likely to be overhauled.
- Protection against fire – Chapter 42 will be updated with extra information on arc fault detection.
- Electrical embedded heating – Section 753 will be extended to include embedded electrical heating systems for surface heating and will include de-icing and frost-prevention systems.
- Energy efficiency – There will be a new section covering energy efficiency.
- As stated above the course is not designed to cover every regulation in the book. It will teach you how to best reference your book in relation to situations you will face in your working life.

Exams & assessments

You will take a 2 hour online multiple choice exam on the third day of this course. You will be able to take your blue 18th Edition Regulations book (BS 7671) into the exam with you and refer to it if need be. The timing of the exam means that you will have on average 2 minutes per question so a good overall knowledge of the 18th Edition regulations plus a thorough understanding of the book is a must.

Please note: You must bring photographic ID such as passport or driving license with you in order to sit the assessment on this course.



COURSE PROGRAMME

Many people assume that the 18th Edition course will contain lots of extra content, however in reality it will still remain very similar to the current 17th Edition courses with some changes. The course is delivered over 3 days. Wiring regulations course are not designed to teach you every regulation in the book but are more focussed on how to reference the latest regulations as you would on the job. As such key topics currently covered on the course will still be included:

- Scope, object and fundamental principles
- Definitions
- Assessment of general characteristics
- Protection for safety
- Selection and erection of equipment
- Inspection and testing
- Special installations or locations
- Appendices

Please note:

The primary publication required on the day of the course is the **IET Wiring Regulations: Requirements for Electrical Installations BS7671:2018 [Blue Book]**.

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