



Electric Vehicle Charging – Installation Awareness

Electric vehicles are becoming increasingly popular as consumers are looking for new ways to reduce rising fuel bills. Because of this, the demand for electric vehicle charging points is also increasing and this has opened up a lucrative new business opportunity for electrical contractors.

The course covers the installation of electric vehicle charging equipment (Mode 3) in accordance with the requirements of BS 7671:2018 + Amendment 1:2020 (Section 722 Electric Vehicles Charging Installations) and IET Code of Practice – Electric Vehicle Charging Equipment Installation (4th Edition). Information regarding certification and notification of installed work to relevant bodies is also included.

WHO SHOULD ATTEND?

This course is aimed at electricians and electrical contracting businesses who are looking to understand the specific requirements relating to Section 722 of BS 7671. Whilst elements from across BS 7671 are included in this course, it is expected that those attending have a sound understanding of the wider requirements relating to the latest edition of the Standard which includes knowledge of circuit design, inspection, testing and certification.

LEARNING OUTCOMES

The course will cover the requirements of BS 7671:2018 with particular focus on Section 722 'Electric vehicle Charging Installations' and the IET Code of Practice for Electric Vehicles Charging Equipment Installation. An overview and signposting to the latest government grants and funding strategies will also be provided.

BENEFITS

Successful delegates will have fundamental knowledge of the supply installation and protection requirements of electric vehicle charging points including:

- Correct selection and application of Residual Current Devices
- Technical requirements for installations utilising TN-C-S system earthing
- Considerations regarding use of TT system earthing
- Notification requirements (Inc. Distribution Network Operator)
- Commissioning requirements

COURSE OUTLINE

- Modes of charging and connection
- Pre-installation considerations and surveying
- Meeting the requirements of BS 7671:2018 + Amendment No.1:2020 (Section 722)
- Awareness of IET Code of Practice for Electric Vehicle Charging Equipment Installation (4th Edition)
- Commissioning and notification process
- Course assessment

ASSESSMENT BODY



WHAT DO I NEED TO HAVE WITH ME?

- Note-taking material
- BS 7671:2018 – Requirements for Electrical Installations
- Amendment No.1:2020 relating to Section 722 (BS 7671:2018)
- IET Code of Practice for Electric Vehicle Charging Equipment Installation (4th Edition)

Lunch and refreshments provided (classroom courses only)


WHY TRAIN WITH US?

We provide:

- Training delivered by subject experts
- High quality course materials
- Confidence that your training comes from a business with a wealth of industry and technical experience built up over 60 years
- Support throughout to ensure you fully understand all aspects of the course



Are you interested in taking this course or any other courses? Why not contact our friendly Training team and ask for more details?

 0333 015 6626

 traininginfo@certsure.com

Other courses you may be interested in:

- Fire Alarm Training
- 18th Edition
- Project Management for Electrical Contractors