

COURSE DATA SHEET

| Electric Vehicle



City & Guilds 2921-31

Level 3 Award in the Design & Installation of Domestic, and Small Commercial Electric Vehicle Charging Installations

This 2-day course provides expert guidance to learners wishing to gain knowledge and understanding on Electric Vehicle Charging Equipment Installation.

Course Content

The course provides detailed guidance and recommendations on all aspects of the installation of Electric Vehicle Charging Equipment. From the origin of the electrical supply, through distribution and final circuits, installation of the charging equipment itself to the cable between the charging equipment and vehicle's electrical inlet. Also included are related issues of site layout and planning and subsequent inspection, testing, certification and maintenance of installations.

The qualification includes additional methods of protecting against open PEN conductor faults and how to assess if an installation has an issue with diverted neutral current. It also includes smart functions in EVSE and relevant items within the installation as a whole. Integration into prosumer's electrical installations including the option of electric vehicles reverse feeding into the installation and/or supply grid.

To achieve this qualification delegates are required to pass a set of short scenario-based questions and an open-book multi-choice exam

This course is intended for practicing electricians and learners must hold one of the following:

- 2357 Level 3 NVQ Diploma in Installing Electrotechnical Systems & Equipment (Building, Structures and the Environment)
- 2357 Level 3 NVQ Diploma in Installing Electrotechnical Services (Electrical Maintenance)
- 5357 Level 3 Electrotechnical Qualification
- 2346/2356 Level 3 NVQ in Electrotechnical Services Experienced Worker
- Other Awarding Organisations equivalences will also be acceptable
- ECS Gold Card, JIB Electrician or Approved Electrician Card

Duration & Price

2 Day
£365 + VAT

Book suggestion

IET Code of Practice for Electric Vehicle Charging Equipment Installation
(not included)



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