

ITC055

Level 3 Award in the Design and Installation of Domestic and Small Commercial Electric Vehicle Charging Installations (2921-34)

Duration	2 days
Target group	Electricians and engineers learning to design, install, test, and inspect EV charging points for domestic and commercial applications.
Prerequisites	<p>Learners attending must hold one of the following:</p> <ul style="list-style-type: none"> •2357 Level 3 NVQ Diploma in Installing Electrotechnical Systems and Equipment (Buildings, Structures and the Environment). •2357 Level 3 NVQ Diploma in Electrotechnical Services (Electrical Maintenance). •5357 Level 3 Electrotechnical qualification. •2356 Level 3 NVQ in Electrotechnical Services Experienced Worker. •2346 Level 3 Electrotechnical Experienced Worker Qualification. <p>Other Awarding Organisations equivalences will also be acceptable.</p> <ul style="list-style-type: none"> •ECS Gold Card, JIB Electrician or Approved Electrician Card. •SVQ in Electrical Installation at SCQF level 7 + Up to date BS 7671 Requirements for Electrical Installations. <p>The qualifications above must have been achieved no more than 5 years prior to starting this qualification or there must be evidence the candidate has remained current by completing relevant CPD such as a City and Guilds 2382 or equivalent.</p>
Objective	<ul style="list-style-type: none"> • The ability to gain a share of a rapidly growing market. • A refreshed employee, with current and specific knowledge including legislation, regulation, procedure and best practice.
Contents	<p>Delegates will be taught how to design, specify, install, fault find, test and inspect electric vehicle charging points for the domestic, commercial and industrial sectors.</p> <p>Course content:</p> <ul style="list-style-type: none"> • How to install electric vehicle charging equipment for domestic locations. • Application of statutory legislation. • Applicable installation and earthing methods. • Completion of suitable installation risk assessment as required by the Code of Practice. • Calculating system design and installation requirements. • The testing and commissioning of the installation.
Exam	The qualification is assessed through a 40 question open book online multiple choice exam and a 3 hour observed practical exercise.