

## **Qualification overview**

### **Level 3 Awards in the Installation and Maintenance of Largescale Electric Vehicle Charging Installations (2921-33)**

Version 1.0





## City & Guilds 2921-33

### Installation and maintenance of largescale (superfast) electric vehicle charging installations

#### 1. Qualification at a glance

<b>Title and Level</b>	City & Guilds Level 3 Award in the Installation and Maintenance of Largescale Electric Vehicle Charging Installations
<b>Subject area</b>	<b>Building Services Industry</b>
<b>City &amp; Guilds number</b>	2921-33
<b>Regulatory reference number</b>	610/1420/5
<b>GLH</b>	24
<b>TQT</b>	26
<b>Age group approved</b>	18+
<b>Assessment</b>	<ul style="list-style-type: none"> <li>• Short-answer and scenario-based questions</li> </ul>
<b>Grading</b>	Pass / Fail
<b>Support materials</b>	<ul style="list-style-type: none"> <li>• Qualification handbook</li> <li>• Assessment pack</li> </ul>
<b>Registration and certification</b>	Consult the Walled Garden/Online Catalogue for last dates

**Structure**

To achieve the **City & Guilds Level 3 Award in the Installation and Maintenance of Largescale Electric Vehicle Charging Installations (2921-33)**, learners must achieve the following mandatory unit:

City & Guilds unit number	Unit title	GLH
303	Installation and maintenance of largescale electric vehicle charging installations	24



## 2. Introduction

This document tells you what you need to do to deliver this qualification:

Area	Description
<b>What is the purpose of this qualification</b>	<p>This qualification is intended as a short course aimed at continual professional development supporting the development of knowledge/understanding of electric vehicle charging installation and maintenance.</p> <p>Learners undertaking these courses may already be doing the associated roles from a practicing operative capacity, with proven and demonstrable skills in working as skilled and competent electricians and/or electrical installers. Validation of these skills and level of competence are reflected in the entry requirements for this qualification.</p>
<b>Who is this qualification for?</b>	<p>This qualification is aimed at practicing electricians interested in understanding how to install and maintain the range of electrical vehicle charging equipment and systems available. They aim to provide expert guidance to learners wishing to gain further knowledge and understanding of electric vehicle charging equipment installation and maintenance.</p>
<b>What does this qualification cover?</b>	<p>This qualification covers the scope of works for electric vehicle charging installations in commercial premises and public spaces and the features of the electric vehicle charging equipment and associated accessories. It also covers safety requirements and the maintenance strategy and procedures for largescale electric vehicle charging installations.</p>
<b>Who did we develop the qualification with?</b>	<p>BP, Shell, Connected Kerb as well as the wider Electrotechnical sector institutions.</p>
<b>Is it part of an apprenticeship framework or initiative?</b>	<p>No.</p>

## 3. Centre Requirements

### Approval

#### Full approval

To offer the City & Guilds Level 3 Award in the Installation and Maintenance of Largescale Electric Vehicle Charging Installations (2921-33), new centres will need to gain both centre and qualification approval.

Please refer to the document Quality Assurance Standards: Centre Approval Process for further information. Centres wishing to gain approval to deliver this qualification must fill out an [expression of interest](#) on the 2921 qualification page.



### Resource requirements

#### Centre staffing

Staff delivering this qualification must be able to demonstrate that they meet the following occupational expertise requirements. They should:

- be occupationally competent or technically knowledgeable in the area(s) for which they are delivering training and/or have experience of providing training. This knowledge must be to the same level as the training being delivered
- have recent relevant experience in the specific area they will be assessing
- have credible experience of providing training.

Centre staff may undertake more than one role, e.g., tutor and assessor or internal quality assurer, but cannot internally verify their own assessments.

#### Continuing professional development (CPD)

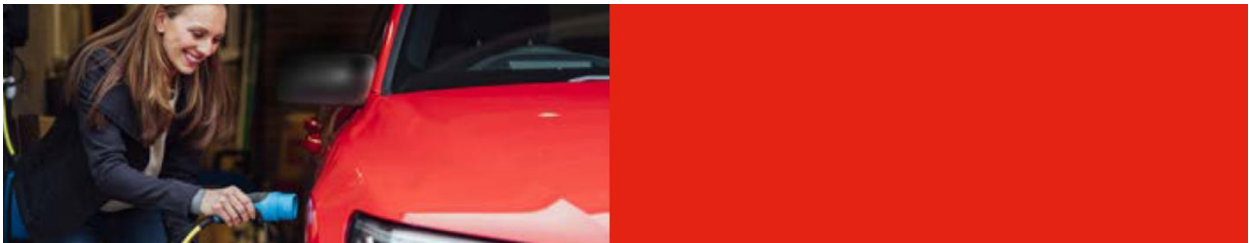
Centres are expected to support their staff in ensuring that their knowledge remains current of the occupational area and of best practice in delivery, mentoring, training, assessment and quality assurance, and that it takes account of any national or legislative developments.

## Quality assurance

Approved centres must have effective quality assurance systems to ensure optimum delivery and assessment of qualifications. Quality assurance includes initial centre approval, qualification approval and the centre's own internal procedures for monitoring quality. Centres are responsible for internal quality assurance and City & Guilds is responsible for external quality assurance. For more detail on this visit the Quality Assurance Standards documents on the City & Guilds website.

Standards and rigorous quality assurance are maintained by the use of:

- Internal quality assurance
- City & Guilds external quality assurance.



## Learner entry requirements

This qualification is intended for practicing electricians. Learners **must** hold one of the following:

- City & Guilds Level 3 NVQ Diploma in Installing Electrotechnical Systems and Equipment (Buildings, Structures and the Environment) (2357-13/91)
- City & Guilds Level 3 NVQ Diploma in Electrotechnical Services (Electrical Maintenance) (2357-23/92)
- City & Guilds Level 3 in Electrotechnical Services Experienced Worker (2356-99)
- City & Guilds Level 3 Electrotechnical Experienced Worker Qualification (2346-03)
- Equivalent historical qualifications (see EAS Table 4B/4C) [EAS Qualifications guide December 2020 \(theiet.org\)](#)  
or
- ECS Gold Card, JIB Electrician or Approved Electrician Card

For learners in Scotland:

- Any of the above or
- SVQ in Electrical Installation at SCQF level 7 + up to date BS 7671 Requirements for Electrical Installations

Other Awarding Organisation equivalences will also be acceptable.

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 the City & Guilds Level 3 Award in the Requirements for Electrical Installations BS 7671:2018 (2382-22) or equivalent.

### **Age restrictions**

This qualification is approved for learners aged 18 or above.

## 4. Assessment

### City & Guilds Level 3 Award in the Installation and Maintenance of Largescale Electric Vehicle Charging Installations (2921-33)

Candidates must successfully complete:

- One assignment consisting of short-answer and scenario-based questions

Unit	Title	Assessment method
303	Installation and maintenance of largescale electric vehicle charging installations	Short-answer and scenario-based questions – externally set internally marked

### Time constraints

Qualification registration is valid for three years.



## Contact us

Please visit the Contact Us section of the City & Guilds website, [\*\*Contact us\*\*](#)

T: 0192 4930 800 (Monday to Friday 08.00 to 18.00 GMT)

E: [centresupport@cityandguilds.com](mailto:centresupport@cityandguilds.com)

## About City & Guilds

Founded in 1878 to develop the knowledge, skills, and behaviours needed to help businesses thrive, we offer a broad and imaginative range of products and services that help people achieve their potential through workbased learning.

We believe in a world where people and organisations have the confidence and capabilities to prosper, today and in the future. So we work with like-minded partners to develop the skills that industries demand across the world.

### Giltspur House

**5–6 Giltspur  
Street London  
EC1A 9DE**

[www.cityandguilds.com](http://www.cityandguilds.com)

The content of this document is, unless otherwise indicated, © The City & Guilds of London Institute and may not be copied, reproduced or distributed without prior written consent. However, approved City & Guilds centres and learners studying for City & Guilds qualifications may photocopy this document free of charge and/or include a PDF version of it on centre intranets on the following conditions:

- centre staff may copy the material only for the purpose of teaching learners working towards a City & Guilds qualification, or for internal administration purposes
- learners may copy the material only for their own use when working towards a City & Guilds qualification

The Standard Copying Conditions (see the City & Guilds website) also apply.

Published by City & Guilds, a registered charity established to promote education and training

Every effort has been made to ensure that the information contained in this publication is true and correct at time of going to press. However, City & Guilds' products and services are subject to continuous development and improvement and the right is reserved to change products and services from time to time. City & Guilds cannot accept responsibility for any loss or damage arising from the use of information in this publication.

©2022 The City & Guilds of London Institute. All rights reserved. City & Guilds is a trademark of the City & Guilds of London Institute, a charity established to promote education and training registered in England & Wales (312832) and Scotland (SC039576)