



EAL Level 1 Diploma In Electrical Installation



Qualification Specification

Overview

This qualification allows the learner to acquire basic knowledge and craft skills of electrical installation. It does not require occupational evidence from the workplace so is suitable for learners who currently do not work within the electrical Industry, and may wish to prepare for study at level 2. The qualification facilitates progression to further engineering and building services qualifications.

Typical Job

Facilitates progression to an industry recognised electrotechnical apprenticeship qualification.

Qualification code:	601/0409/0
Level:	1
Guided learning hours:	390
Credits	40
Age range:	Pre-16, 16-18, 19+
Total qualification time (hours):	400

Issue 1.0

Purpose of the qualification

What does this qualification cover?

The qualification has mandatory and optional units. The mandatory units cover health and safety, environmental protection, installation methods, practical craft skills and electrical science. Optional units cover starting work in construction, preparing for an interview; managing study and developing learning Skills.

Who is this qualification for?

- Learners who currently do not work within the electrical Industry (but may wish to do so).
- Learners who wish to undertake a level 1 qualification in preparation for study at level 2
- Those who wish to acquire the basic knowledge and skills in electrical installation.

Who supports this qualification?

This qualification is:

- Is a QCF qualification and is accredited by Ofqual at level one.
- is not recognised by the electrical industry for competence and will not make the learner an electrician, but will facilitate progression to further study.
- Is supported by NFEC (National Forum of Engineering Centres).

What could this qualification lead to?

- Level 1 NVQ Certificate in Performing Engineering Operations
- EAL Level 2 Diploma In Electrical Installation.

Entry requirements

Learners must be at least 14 years old. There are no formal entry requirements for this qualification. However, learners must have the potential to achieve all aspects of the qualification. In particular, learners should be able to demonstrate that they have the minimum levels of literacy and numerary required for the completion of the learning outcomes and the assessments.

How is the qualification achieved?

This qualification will be achieved when the learner has successfully completed the theory and practical assessments relating to the units.

What will be assessed?

The learners ability in various aspects of basic electrical installation and related work skills covered in the units.

How will it be assessed?

The qualification is assessed by a mixture of on-screen exams, written assignments, and practical assessments. The qualification is not graded and the learner may only achieve a pass.

Structure

This qualification will be obtained by the learner once they have achieved the units below:

Unit	Unit title	GLH	Ofqual Code
ELEC1/01	Health and Safety in Electrical Installation	48	L/505/3268
QACC1/02	Understand fundamental environmental protection measures within building services engineering	19	H/502/8179
ELEC1/05A	Installation Methods, Procedures and Requirements	37	A/505/3265
ELEC1/05B	Electrical Installation Craft Skills	198	J/505/3267
ELEC1/08	Electrical Science, Principles and Technology	48	F/505/3266

Optional units: One group must be completed:

Group 1:

Unit	Unit title	GLH	Ofqual Code
QSWC1/01	Starting Work in Construction	40	M/502/3695

Group 2:

Unit	Unit title	GLH	Ofqual Code
QPF11/01	Preparing for an Interview	10	K/503/2833
QMSA1/01	Managing Study and Developing Learning Skills	30	J/504/8974