



EAL Level 3 Award in Industrial and Panel Wiring

ELECTRICAL



Qualification Specification

Overview

This award covers the skills and knowledge relating to electrical control panels. These panels have a wide application across industries in the control of equipment.

Typical Job

Engineering Technician

Qualification code: 603/5423/9

Level: 3

Guided Learning Hours (GLH): 75 Hours

Total Qualification Time (TQT): 80 Hours

Age range: 16 +

Issue 1.0

Purpose of the qualification

This award covers the principles and practices involved in the construction of electrical panels for engineering applications together with the commissioning techniques of electrical panels and associated equipment.

Who is this qualification for?

The qualification is relevant for learners who wish to learn about electrical panels, and technician level engineers who are working with panels and wish to achieve a formal qualification.

What does this qualification cover?

The qualification covers the relevant statutory and non-statutory legislation, safe systems of working, interpretation of drawings and diagrams, together with refurbishing, maintaining and repairing and commissioning electrical panels.

The award comprises of one unit which has 75 Guided Learning Hours (GLH). It has a Total Qualification Time (TQT) 80 hours (notational time required by the learner to complete the qualification).

2.1 Support for this Qualification

Supported by training providers, Technique Learning Solutions

What could this qualification lead to?

- EAL Level 3 NVQ Diploma in Installing Electrotechnical Systems and Equipment (Buildings, Structures and the Environment),
- EAL Level 3 Electrotechnical Qualification,
- EAL Qualifications in environmental technology systems,
- EAL Level 3 Award In the In-Service Inspections and Testing of Electrical Equipment (PAT),
- EAL Level 4 Award in the Design and Verification of Electrical Installations,
- EAL qualifications in inspection and testing, and BS 7671 wiring regulations.

Entry requirements

There are no formal entry requirements for this qualification; however centres should ensure that the learner has the potential to achieve the qualification. Learners must have the minimum levels of literacy and numeracy to complete the learning outcomes and assessments.

Centres should make learners with particular requirements aware of the content of the qualification and they should be given every opportunity to successfully complete the qualification. EAL will consider any reasonable suggestions for, and from, those with disabilities that would help them to achieve the learning outcomes without compromising the standards required.

Age Restrictions

Learners must be at least 16 years old.

How is the qualification achieved?

The qualification is achieved when the unit assessments have been successfully completed. The centre will then be able to apply for the learner's certificate.

What will be assessed?

The skills knowledge and understanding relating to electrical panels.

How will it be assessed?

The learner will be assessed by the use of internal assessment at the Centre which includes practical and theory assessments,

This qualification is graded pass or fail only.

Structure

EAL Level 3 Award in Electrical Control Panels

This qualification will be obtained by the learner once they have completed the single mandatory unit below. It has a Total Qualification Time (TQT) of 80 hours (notational time required by the learner to complete the qualification).

Qualification Unit: Must be completed:

Unit	Unit title	GLH	Ofqual Code
PW3-001	Panel Wiring for Engineering Applications	75	T/617/9263