



Electrical Courses - Level 3 Award In the Initial Verification

Level 3 Award In the Initial Verification

Time Scale - 36 Hours

Days - 4 x Saturdays/weekdays or 12 x Evenings

Cost - £599.00

The Initial Verification and Certification of Electrical Installations (QCF)

Overview

Reference Number

600/4337/4

Type

Award

Level

3

Sector

Electrotechnical

What is this qualification?

This Award gives the learner an understanding of the theory and practice of the initial verification and commissioning of both single and three phase electrical installations. The qualification follows BS 7671 and the industry recognised IET Guidance Note 3, as well as the Electrical Safety Council

What are the pre-requisites?

There are no formal entry requirements for this qualification although Centres should ensure that learners have the potential to achieve the qualification unit.

Who is this qualification for?

Electricians who wish to carry out the inspection, testing and commissioning of electrical installations. Those who wish to acquire new knowledge and skills.

Areas Covered:

- Safe isolation of electrical circuits and installations
- Requirements for initial verification of electrical installations
- Requirements for completing the inspection of electrical installations prior to their being placed into service
- Requirements for the safe testing and commissioning of electrical installations
- Requirements for testing before circuits are energised
- Requirements for testing energised installations
- Requirements for the completion of electrical installation certificates and associated documentation
- Safety of systems and equipment prior to completion of inspection, testing and commissioning
- Inspection of electrical installations prior to them being placed into service
- Commissioning electrotechnical systems and equipment



Also covered within content of course:

- Procedures
- Health and Safety requirements
- Relevant documentation
- Requirements for the inspection
- Factors that affect conductor resistance values
- Common earth fault loop paths
- Methods for verifying protection
- Requirements for determining fault current
- Procedures for dealing with clients

Course Progression After Successful Completion:

- Periodic Inspection and certification of Electrical Installations (Condition Report)
- Level 4 Design and Verification of Electrical Installations)•

ILM Management and Leadership qualifications