



| Qualification Title | Occupational Code | Quality Assuring Body | Credits | Entry Requirements | NQF Level |
|---------------------|-------------------|-----------------------|---------|----------------------------------|-----------|
| Electrician | 671101 | QCTO | 360 | NQF Level 1 with Maths & Science | 4 |

Purpose

The purpose of this qualification is to prepare a learner to operate as a Switching Operator. A Switching Operator performs switching, isolating, linking, safety testing and earthing operations on electrical installations and systems in a variety of contexts.

A qualified learner will be able to:

- Decommission LV and MV plants, systems, networks
- Commission and test LV and MV plants, systems, networks

Electrician – Legacy (EL 1)

| Module Description | Module Code/s | Days |
|---|---------------------|------|
| Elec Testing Instruments Portable | ET1 | 5 |
| Cables and Conductors (Incorporating Materials) | CA1-5, CO1-3, ME3-4 | 10 |
| Wiring (Lighting) | WI1 | 10 |
| Installations (Covering kWh meters) | IN1-2 | 20 |
| Total Training Time PH1: 45 Days | | |

Electrician – Legacy (EL 2)

| Module Description | Module Code/s | Days |
|--|--------------------------|------|
| AC Machines Transformers, CT-PT (Testing of Motors) | AC16-18 | 25 |
| Electronics (Incorporating Soft Solder, Drawings & Sketches) | EL1-3, SS1-2, DSE3, DSE6 | 15 |
| DC Machines (Series, Shunt, Compound, Direction Change) | DC1 | 5 |
| Electronics (PLC) | EL5 | 5 |
| Total Training Time PH2: 50 Days | | |

Electrician – Legacy (EL 3)

| Module Description | Module Code/s |
|---|--------------------|
| Drawings & Sketches | DSE1 |
| AC Machines (Incorporating Elec Measuring Instruments - Panel Mount, Fault Finding, Electrical Equipment) | MJ1, FA2, FA6, EE1 |
| Total Training Time PH3: 45 Days | |