

# Electricians

## Qualifications Guidelines

### Electrical Workers Registration

To be eligible for a trade licence from 1 January 2016 an applicant must have:

- **Completed** a trade apprenticeship in a licensed trade (which includes a Certificate III)
- OR
- Completed a **Certificate III** in a licensed trade that was **issued** on or before **31 December 2015**

#### Scope of Work - Any Electrical Work

##### Option 1

- UEE30811 or UEE30807 or UEE30806 - Certificate III in Electrotechnology Electrician

#### Scope of Work - Refrigeration and Air conditioning (excluding hazardous areas)

##### Option 1

- UEE32211 Certificate III in Electrotechnology Air Conditioning and Refrigeration

##### Option 2

- UEE31307 or UEE31306 or UTE30999 Certificate III in Electrotechnology Refrigeration and Air Conditioning

##### Option 3

- MEM30298 Certificate III in Engineering - Mechanical Trade (Refrigeration).
- or**
- MEM30205 Certificate III in Engineering - Mechanical Trade (Refrigeration and Air Conditioning).
- or**
- MEM30298 Certificate III in Engineering - Mechanical Trade (Air Conditioning)

**and**

- Evidence of successful completion of all required units (contact our office for a full list)

#### Scope of Work - Instrumentation (excluding hazardous areas)

##### Option 1

- Certificate III in Electrotechnology Instrumentation

##### Option 2

- UTE30899 Certificate III in Electrotechnology Instrumentation

##### Option 3

- UEE31211 or UEE31210 or UEE31207 or UEE31206 Certificate III in Instrumentation and Control

#### Scope of Work - Refrigeration and Air conditioning or Instrumentation (including hazardous areas)

- Holds or is entitled to hold, a restricted worker's registration for Refrigeration and Air conditioning (excluding hazardous areas) or Instrumentation (excluding hazardous areas)

**and**

- Evidence of successful completion of one of the following:
  - UTE NES211 - Disconnect and reconnect explosion-protected electrical equipment connected to fixed wired supply up to 1,000 volts a.c. or 1,500 volts d.c.
  - or**
  - UEENEEP004A - Disconnect and reconnect explosion-protected electrical equipment connected to low voltage supply.
  - or**
  - UEENEEP004B - Disconnect and reconnect explosion-protected electrical equipment connected to low voltage supply

## Scope of Work - Service and Replacement of Single Phase 240v Water Heaters (rated up to 4.8kw or 450L) & Associated Components.

- Holds or is applying for a plumbing worker registration that is not limited to working under supervision **and**
- Evidence of successful completion of one of the following;
  - UTE NES208(R) - Disconnect and reconnect fixed wired electrical equipment connected to fixed wire supply up to 1,000 volts a.c. or 1,500 volts d.c.;
  - or**
  - UEENEEP001A(R) - Disconnect and reconnect fixed wired electrical equipment connected to a Low Voltage supply;
  - or**
  - UEENEEP001B(R) - Disconnect and reconnect fixed wired electrical equipment connected to a Low Voltage supply.
  - or**
  - UEENEEPO14A - Disconnect - reconnect water heaters connected to low voltage installation wiring
  - or**
  - Electrical Water Heater Units for Plumbers
  - or**
  - Certificate in Disconnect and Reconnect Hot Water Services from a Registered Training Organisation.

## Scope of Work - Disconnection/reconnection

To be eligible for an **“under supervision” restricted electrical worker’s registration**

Fault find & repair of fixed-wired (up to 12 Kw) domestic stoves, incorporated microwaves, cook tops or range hoods and excluding other fixed wiring.

- Pathway 1 - A certificate III or higher level qualification in a trade or vocation that relates to the work to be performed.
- or**
- Pathway 2 - A trade certificate or equivalent in a trade that relates to the work to be performed.

To be eligible to **remove the “under supervision” condition** you must provide evidence of successful completion in **all** of the following units:

- UEENEEP010A - Disconnect - reconnect appliances connected to low voltage installation wiring
- UEENEEP016A - Locate and rectify faults in low voltage appliances using set procedures
- UEENEEE101A - Apply occupational health and safety regulations, code and practices, in the workplace.

## Scope of Work - Electrical Transmission Linework

### Option 1

- UTT30101 Certificate III in ESI - Transmission (Powerline)

### Option 2

- UET30106 or UET30109 Certificate III in ESI - Transmission

### Option 3

- UET30512 Certificate III in ESI - Power Systems - Transmission Overhead

## Scope of Work - Electrical Distribution Linework

### Option 1

- UTT30101 Certificate III in ESI - Distribution (Powerline)

### Option 2

- UET30206 or UET30209 Certificate III in ESI - Distribution

### Option 3

- UET30612 Certificate III in ESI - Power Systems - Distribution Overhead

## Scope of Work - Electrical Rail Traction Work

### Option 1

- UTT30402 or UET30306 or UET30309 Certificate III in ESI - Rail Traction

### Option 2

- UET30712 Certificate III in ESI - Power Systems - Rail Traction

## Scope of Work - Electrical Cable Jointing Work

### Option 1

- UTT30301 Certificate III in ESI - Cable Jointing (Powerline)

### Option 2

- UET30306 or UET30409 Certificate III in ESI - Cable Jointing

### Option 3

- UET30812 Certificate III in ESI - Power Systems - Distribution Cable Jointing

## Electrical Contractors Licence

If your registration is restricted to working under supervision, you will need to obtain the required qualifications detailed above for an unrestricted registration before applying for the contractor licence.

The following technical qualifications are in addition to qualifications required for a workers registration when seeking a contractor licence for *any electrical work*.

- Evidence of successful completion of one of the following;
  - Single Phase Electrical Installation Testing Course (Training provider: PEER TEC)
  - NUE408 - Electrical Installation Testing & Verification
  - NE171 - Electrical Installation Safety Testing - Electrical Stream Module
  - TAFE SA's 18 week course and assessment on AS/NZS 3000:2007 Wiring Rules
  - NUE 505A - Electrical Systems Safety
  - UEENEEG105A - Verify compliance and functionality of low voltage general electrical installations;
  - UEENEEG005A - Verify compliance and functionality of general electrical installations
  - UEENEEG005B - Verify compliance and functionality of general electrical installations
  - UEE30811 or UEE30807 - Certificate III in Electrotechnology Electrician

If you received your training outside of Australia, please refer to the PGE Overseas Trained Workers guideline for information about qualifications and how to apply.

If you are seeking to apply for the National Restricted Electrical Licence (NREL) please refer to this guideline for qualification requirements.

Important note: the qualifications listed on this guideline come from the most recent training packages. If you have older qualifications you may still be eligible to apply, please contact our office to discuss.

### For more information

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