

Plumbers, Gas Fitters and Electricians Act 1995

Electricians

Qualifications Guidelines

Electrical Workers Registration

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

Completed an Australian based trade apprenticeship in a licensed trade *including* an eligible Certificate III

OR

Completed an eligible **Certificate III** in a licensed trade that was **issued** on or before **31 December 2015**

Important note: You must provide an eligible trade certificate that is recognised as an Australian based trade apprenticeship, which consists of four (4) years on the job training and successful completion of a Certificate III in the relevant trade from a Registered Training Organisation.

Any Electrical Work

Option 1

- UEE30811 or UEE30820 or UEE30807 or UEE30806 - Certificate III in Electrotechnology Electrician

Refrigeration and Air conditioning (excluding hazardous areas)

Option 1

- Trade Certificate - Air-conditioning and Refrigeration Tradesperson issued on or after 1 January 2016 or interstate equivalent

Option 2

- UEE32211 Certificate III in Electrotechnology Air Conditioning and Refrigeration or UEE32220 Certificate III in Air Conditioning and Refrigeration, and evidence of four years' experience performing electrical work/or evidence it was gained through the Offshore Technical Skills Record program

Option 3

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

Option 4

- 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)

Instrumentation (excluding hazardous areas)

Option 1

- Trade Certificate - Instrumentation and Control Tradesperson issued on or after 1 January 2016 or interstate equivalent

Option 2

- Certificate III in Electrotechnology Instrumentation or Certificate III in Instrumentation and Control (issued before 1 January 2016)

Option 3

- UEE31211 or UEE31220 Certificate III in Instrumentation and Control evidence of four years' experience performing electrical work/or evidence it was gained through the Offshore Technical Skills Record program

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

Electrical Transmission Linework

Option 1

- Trade Certificate - Electrical Tradesperson (Powerline) issued on or after 1 January 2016 or interstate equivalent

Option 2

- UTT30101 Certificate III in ESI - Transmission (Powerline) or UET30106 or UET30109 Certificate III in ESI – Transmission (issued before 1 January 2016)

Option 3

- UET30512 or UET30519 Certificate III in ESI - Power Systems - Transmission Overhead or UET30521 - Certificate III in ESI - Transmission Overhead, and evidence of four years' experience performing electrical work/or evidence it was gained through the Offshore Technical Skills Record program

Electrical Distribution Linework

Option 1

- Trade Certificate - Electrical Tradesperson (Distribution Overhead) issued on or after 1 January 2016 or interstate equivalent

Option 2

- UTT30101 or UET30612 Certificate III in ESI - Distribution (Powerline) or UET30206 or UET30209 Certificate III in ESI – Distribution (issued before 1 January 2016)

Option 3

- UET30612 or UET30619 Certificate III in ESI - Power Systems - Distribution Overhead, or UET30621 - Certificate III in ESI - Distribution Overhead, and evidence of four years' experience performing electrical work/or evidence it was gained through the Offshore Technical Skills Record program

Electrical Rail Traction Work

Option 1

- Trade Certificate - Electrical Tradesperson (Rail Traction) issued on or after 1 January 2016 or interstate equivalent

Option 2

- UET30712 or UET30719 Certificate III in ESI - Power Systems - Rail Traction or UTT30402 or UET30306 or UET30309 Certificate III in ESI - Rail Traction (issued before 1 January 2016)

Option 3

- UET30712 or UET30719 Certificate III in ESI - Power Systems - Rail Traction, or UET30721 - Certificate III in ESI - Rail Traction, and evidence of four years' experience performing electrical work /or evidence it was gained through the Offshore Technical Skills Record program

Electrical Cable Jointing Work

Option 1

- Trade Certificate - Electrical Tradesperson (Power Cable) issued on or after 1 January 2016 or interstate equivalent

Option 2

- UTT30301 Certificate III in ESI - Cable Jointing (Powerline) or UET30306 or UET30409 Certificate III in ESI - Cable Jointing or UET30812 Certificate III in ESI - Power Systems - Distribution Cable Jointing (issued before 1 January 2016)

Option 3

- UET30812 or UET30819 Certificate III in ESI - Power Systems - Distribution Cable Jointing, or UET30821 - Certificate III in ESI - Distribution Underground, and evidence it was gained through the Offshore Technical Skills Record program / or evidence of four years' experience performing electrical 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
- UEENEEP014A - 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.

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 evidencing 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.

UEENEEP004A - Disconnect and reconnect explosion-protected electrical equipment connected to low voltage supply

UEENEEP004B - Disconnect and reconnect explosion-protected electrical equipment connected to low voltage supply

UEENEEP021A - Disconnect - reconnect explosion-protected appliances and control devices connected to low voltage installation wiring

UEERL0008 - Disconnect-reconnect explosion-protected appliances and control devices connected to LV installation

If you received your training outside of Australia, please refer to the *PGE Overseas Recognition* 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 email our office with the copies of your qualifications for further information.

For more information

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| Email occupational@sa.gov.au | Website www.cbs.sa.gov.au | Phone Ph: 131 882 (option 4) |
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