

Plumbers, Gas Fitters and Electricians Act 1995

Electricians

Qualification 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 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

Trade Certificate - Electrician issued on or after 1 January 2016 or interstate equivalent as evidence of completion of an Australian apprenticeship.

Option 2

UEE30811 or UEE30820 Certificate III in Electrotechnology Electrician and evidence it was gained through the Offshore Technical Skills Record program.

Option 3

UEE30811 Certificate III in Electrotechnology Electrician issued before 1 January 2016.

Option 4

Australian Recognised Trade Certificate, Tradesman's Certificate or Certificate of Recognition issued by Trades Recognition Australia as an Electrical Mechanic, Electrical Fitter, Engineering Tradesperson (electrical/electronic or held an unrestricted electrical workers registration in SA greater than 12 months prior to this application, and:

- acknowledgement of Training evidencing completion of the Wiring Rules Refresher AS/NZS3000:2018 issued by TAFE SA.

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 as evidence of completion of an Australian apprenticeship.

Option 2

UEE32211 Certificate III in Electrotechnology Air Conditioning and Refrigeration or UEE32220 Certificate III in Air Conditioning and Refrigeration, and evidence of 4 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)

Option 1

Trade Certificate - Air-conditioning and Refrigeration Tradesperson issued on or after 1 January 2016 or interstate equivalent as evidence of completion of an Australian apprenticeship.

Option 2

UEE32211 Certificate III in Electrotechnology Air-Conditioning and Refrigeration or UEE32220 - Certificate III in Air Conditioning and Refrigeration, and evidence it was gained through the Offshore Technical Skills Record program.

Electrical Transmission Linework

Option 1

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

Option 2

UET30512 or UET30519 Certificate III in ESI - Power Systems - Transmission Overhead or UET30521 - Certificate III in ESI - Transmission Overhead, and evidence it was gained through the Offshore Technical Skills Record program.

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.

Electrical Distribution Linework

Option 1

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

Option 2

UET30612 or UET30619 Certificate III in ESI - Power Systems - Distribution Overhead or UET30621 - Certificate III in ESI - Distribution Overhead, and evidence it was gained through the Offshore Technical Skills Record program.

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.

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 AC or 1,500 volts DC.

OR

- UEENEOP001A(R) - Disconnect and reconnect fixed wired electrical equipment connected to a Low Voltage supply.

OR

- UEENEOP001B(R) - Disconnect and reconnect fixed wired electrical equipment connected to a Low Voltage supply.

OR

- UEENEOP014A - 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. Disconnect and reconnect 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 [overseas recognition guidelines](#) 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 guide for qualification requirements.

Important note: The qualifications listed in this guide 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

Contact Consumer and Business Services

Email: occupational@sa.gov.au

Website: www.cbs.sa.gov.au

Phone: [131 882](#) (Option 4)

In person: CBS Customer Service Centre at 4-6 Chesser Street, ADELAIDE SA 5000