

Plumbers, Gas Fitters and Electricians Act 1995

Plumbers & Gas Fitters

Qualifications guidelines

Plumbers, Gas Fitters and Electricians Act 1995

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**

Plumbing workers

Scope of Work - Any Plumbing Work under Technical Direction (does not include the installation, alteration, repair or maintenance of fire sprinklers)

Option 1

CPC32408 or CPC32411 - Certificate III in Plumbing

and

Evidence of successful completion of the following units of competency:

- CPCPDR2001A or CPCPDR2011A - Locate and clear blockages
- CPCPDR2002A or CPCPDR2012A - Install domestic treatment plants
- CPCPDR2004A or CPCPDR2014A- Install stormwater and sub-soil drainage systems
- CPCPDR2005A or CPCPDR2015A- Drain worksite
- CPCPDR2006A or CPCPDR2016A- Install pre-fabricated inspection openings and enclosures
- CPCPDR3001A or CPCPDR3011A- Plan layout of a residential external sanitary drainage system
- CPCPDR3002A or CPCPDR3012A - Install below ground sanitary drainage systems
- PCPDR3003A or CPCPDR3013A - Install on-site disposal systems
- BCCCM2010B or RIICCM210A - Install trench support

Option 2

CPC32508 or CPC32511 Certificate III in Plumbing (Mechanical Services)

and

Evidence of successful completion of the following units of competency:

- CPCPCM2008A or CPCPCM2028A - Cut and join sheet metal
- CPCPDR2001A or CPCPDR2011A - Locate and clear blockages
- CPCPSN3001A or CCPCPSN3011A - Plan the layout for a residential sanitary plumbing system
- CPCPSN3002A or CPSN3012A- Install discharge pipes
- CPCPSN3003A or CPCPSN3013A - Fabricate and install sanitary stacks
- CPCPSN3004A or CPCPSN3014A - Install and fit off sanitary fixtures
- CPCPDR2002A or CPCPDR2012A - Install domestic treatment plants
- CPCPDR2004A or CPCPDR2014A - Install stormwater and sub-soil drainage systems
- CPCPDR2005A or PCPDR2015A - Drain worksite

- CPCPDR2006A or CPCPDR2016A - Install pre-fabricated inspection openings and enclosures
- CPCPDR3001A or CPCPDR3011A - Plan layout of a residential external sanitary drainage system
- CPCPDR3002A or CPCPDR3012A - Install below ground sanitary drainage systems
- CPCPDR3003A or CPCPDR3013A - Install on-site disposal systems
- BCCCM2010B or RIICCM210A - Install trench support

Option 3

CPC32412 or CPC32413 Certificate III in Plumbing or CPC32513 Certificate III in Plumbing (Mechanical Services)

and

Evidence of successful completion of the following units of competency:

- CPCPDR2021A or CPCPDR2021 - Locate and clear blockages;
- CPCPDR2022A - Install domestic treatment plants or CPCPDR3023 - Install on-site domestic wastewater treatment plants and disposal systems;
- CPCPDR2024A - Install stormwater and sub-soil drainage systems or CPCPDR2025 - Install stormwater and sub-soil drainage systems and drain work site;
- CPCPDR2025A - Drain work site or CPCPDR2025 - Install stormwater and sub-soil drainage systems and drain work site;
- CPCPDR2026A - Install pre-fabricated inspection openings and enclosures or CPCPDR2026 - Install prefabricated inspection openings and inspection chambers
- CPCPDR3011B or CPCPDR3021A - Plan layout of a residential sanitary drainage system or CPCPDR3021 - Plan layout and install below ground sanitary drainage systems;
- CPCPDR3022A - Install below ground sanitary drainage systems or CPCPDR3021 - Plan layout and install below ground sanitary drainage systems;
- CPCPDR3023A - Install on-site disposal systems or CPCPDR3023 - Install on-site domestic wastewater treatment plants and disposal systems *and*
- RIICCM210A or RIICCM210D or RIICCM210E - Install trench support

Scope of Work - Any Plumbing Work (does not include the installation, alteration, repair or maintenance of fire sprinklers)

Holds, or is entitled to hold, a plumbing worker registration restricted to *work under technical direction of a plumbing worker; (does not include the installation, alteration, repair or maintenance of fire sprinklers).*

and

Evidence of successful completion of the following units of competency:

- BCPCM4001A or CPCPCM4001A or CPCPCM4011 or CPCPCM4011A - Carry out work based risk control processes
- BCPWT4002A or CPCPWT4002A or CPCPWT4012A or CPCPWT4022 or CPCPWT4022A - Commission and maintain backflow prevention devices
- BCPSN4001A or CPCPSN4001A – Plan, size and layout sanitary pipework fixtures or CPCPSN4011 or CPCPSN4011A or CPCPSN4011B - Design and size sanitary plumbing systems
- BCPDR4001A or CPCPDR4001A – Plan, size and layout sanitary drainage systems or CPCPDR4011 or CPCPDR4011A or CPCPDR4011/B - Design and size sanitary drainage systems
- BCPDR4002A or CPCPDR4002A – Plan, size and layout stormwater drainage systems or CPCPDR4012 or CPCPDR4012A or CPCPDR4012B - Design and size stormwater drainage systems

- BCPDR4003A or CPCPDR4003A – Plan, size and layout domestic treatment plant disposal systems or CPCPDR4013 or CPCPDR4013A or CPCPDR4013B - Design and size domestic treatment plant disposal systems
- BCPWT4001A or CPCPWT4001A – Plan, size and layout hot and cold water services and systems or CPCPWT4011 or CPCPWT4011A or CPCPWT4011B - Design and size heated and cold water services and systems.

and

Evidence of successful completion of one of the following:

- Estimating 1A
- CPCPCM4002A - Estimate and cost work
- CPCPCM4012 or CPCPCM4012A - Estimate and cost work
- Tendering and Contracting from PEER VEET

Or if applicant also holds a current gas fitters workers registration with the scope “Can perform any gas fitting work”

Evidence of successful completion of the following units of competency:

- BCPWT4002A or CPCPWT4002A or CPCPWT4012A or CPCPWT4022 or CPCPWT4022A - Commission and maintain backflow prevention devices
- BCPSN4001A or CPCPSN4001A – Plan, size and layout sanitary pipework fixtures or CPCPSN4011 or CPCPSN4011A or CPCPSN4011B - Design and size sanitary plumbing systems
- BCPDR4001A or CPCPDR4001A – Plan, size and layout sanitary drainage systems or CPCPDR4011 or CPCPDR4011A or CPCPDR4011B - Design and size sanitary drainage systems
- BCPDR4002A or CPCPDR4002A – Plan, size and layout stormwater drainage systems or CPCPDR4012 or CPCPDR4012A or CPCPDR4012B - Design and size stormwater drainage systems
- BCPDR4003A or CPCPDR4003A – Plan, size and layout domestic treatment plant disposal systems or CPCPDR4013 or CPCPDR4013A or CPCPDR4013B - Design and size domestic treatment plant disposal systems
- BCPWT4001A or CPCPWT4001A – Plan, size and layout hot and cold water services and systems or CPCPWT4011 or CPCPWT4011A or CPCPWT4011B - - Design and size heated and cold water services and systems.

Scope of Work – Restricted advanced plumber – Limited to fire protection work

- BCP30503 or CPC32808 or CPC32811, or CPC32812, CPC32813 - Certificate III in Fire Protection

Scope of Work - Restricted plumbing work limited to routine testing and inspecting of fire hose reels, repair of hose reel components downstream of the gate valve and the 6 monthly or more frequent testing and inspecting of other fire suppression systems specified by AS1851

The following units of competency from the CPP20521 or CPP20511 Certificate II in Fire Protection Inspection and Testing:

- CPPCMN2002 or CPPCMN2002A – Participate in workplace safety arrangements
- CPPFES2006 or CPPFES2006A – Prepare for installation and servicing operations

- CPPFES2004 OR CPPFES2004– Identify and report on types of installed fire safety equipment and systems
- CPCPFS3040 or CPCPFS3020A – Conduct basic functional testing of water based fire-suppression systems
- CPCPFS3041 or CPCPFS3021A – Inspect and test fire pump sets
- CPPFES2010 or CPPFES2010A – Inspect and test fire hose reels
- CPPFES2037 or CPPFES2037– Inspect and test fire hydrant systems

Scope of Work - Restricted plumbing work limited to routine testing/inspecting of fire hose reels, repair of hose reel components downstream of the gate valve and testing/inspection of hydrant valves and booster assemblies up to six monthly testing

The following units of competency from the CPP20521 or CPP20511 Certificate II in Fire Protection Inspection and Testing:

- CPPCMN2002 or CPPCMN2002A – Participate in workplace safety arrangements
- CPPFES2006 or CPPFES2006A – Prepare for installation and servicing operations
- CPPFES2004 or CPPFES2004A – Identify and report on types of installed fire safety equipment and systems
- CPPFES2010 or CPPFES2010A – Inspect and test fire hose reels
- CPPFES2037 or CPPFES2037A – Inspect and test fire hydrant systems

Scope of Work - limited to routine testing and inspecting of fire protection equipment under the direct supervision of a person registered to perform this work without supervision

- Enrolment in a course that would qualify a person for a restricted plumbing workers registration authorising the testing and inspecting of fire protection equipment

Scope of Work - plumbing limited to maintenance or replacement of domestic type electrical water heater (max 450 litre capacity & 4.8 kw rating)

Evidence of successful completion of the Electrical Water Heater Units for Electricians course

Gas fitting workers

Scope of Work - under technical direction of a gas fitting worker ltd to install commission domestic, commercial and industrial gas appliances and equipment

Option 1

BCP30403 or CPC32708 or CPC32711 or CPC32713 or CPC32720 Certificate III in Gas Fitting

Option 2

- CPC32408 Certificate III in Plumbing or CPC32508 Certificate III in Plumbing (Mechanical Services)

and

Evidence of successful completion of the following units of competency:

- CPCPCM2008A - Cut and join sheet metal
- CPCPGS3001A - Install gas piping systems
- CPCPGS3002A - Size consumer piping systems
- CPCPGS3003A - Install and commission Type A gas appliances
- CPCPGS3004A - Install LP gas storage of aggregate storage capacity up to 500 litres
- CPCPGS3006A - Install LP gas systems in caravans, mobile homes, water craft and mobile work places
- CPCPGS3007A - Install gas detection devices
- CPCPGS3008A - Install gas pressure control equipment
- CPCPGS3009A - Install Type A gas appliance flues
- CPCPGS3011A - Purge consumer piping
- CPCPGS3013A - Disconnect and reconnect Type A gas appliances
- CPCPGS3014A - Calculate and install natural ventilation for Type A gas appliances.

Option 3

- CPC32411 Certificate III in Plumbing or CPC32511 Certificate III in Plumbing (Mechanical Services);

and

Evidence of successful completion of the following units of competency:

- CPCPCM2028 - Cut and join sheet metal
- CPCPGS3031A - Install gas piping systems or
- CPCPGS3032A - Size consumer piping systems
- CPCPGS3033A - Install and commission Type A gas appliances
- CPCPGS3034A - Install LPG storage of aggregate storage capacity exceeding 500 litres
- CPCPGS3016A - Install LP gas systems in caravans, mobile homes, water craft and mobile workplaces
- CPCPGS3017A - Install gas detection devices
- CPCPGS3018A - Install gas pressure control equipment
- CPCPGS3019A - Install Type A gas appliance flues
- CPCPGS3021A - Purge consumer piping
- CPCPGS3023A - Disconnect and reconnect Type A gas appliances
- CPCPGS3024A - Calculate and install natural ventilation for Type A gas appliances

Option 4

CPC32412 or CPC32413 or CPC32420 III in Plumbing or CPC32513 Certificate III in Plumbing (Mechanical Services)

and

Evidence of successful completion of the following units of competency:

- CPCPCM2048 or CPCPCM2048A - Cut and join sheet metal;
- CPCPGS3056A - Install gas piping systems or CPCPGS3056 - Size and install consumer gas piping systems;
- CPCPGS3057A - Size consumer piping systems or CPCPGS3056 - Size and install consumer gas piping systems;
- CPCPGS3058A or CPCPGS3061 or CPCPGS3061A - Install and commission Type A gas appliances;
- CPCPGS3059 or CPCPGS3059A - Install LPG storage of aggregate storage capacity exceeding 500 litres;
- CPCPGS3046 CPCPGS3046A - Install LP gas systems in caravans, mobile homes and mobile workplaces;
- CPCPGS3047 or CPCPGS3047A - Install LP gas systems in marine craft;
- CPCPGS3048 or CPCPGS3048A - Install gas pressure control equipment;
- CPCPGS3049A - Install Type A gas appliance flues or CPCPGS3049 - Install gas appliance flues;
- CPCPGS3051 or CPCPGS3051A - Purge consumer piping;
- CPCPGS3053 or CPCPGS3053A - Disconnect and reconnect Type A gas appliances; and
- CPCPGS3054 or CPCPGS3054A - Calculate and install natural ventilation for Type A gas appliances.

Scope of Work - Can Perform Any Gas Fitting Work

Option 1

Holds, or is entitled to hold, a gas fitting worker registration restricted to work under technical direction of gas fitting worker ltd to install & commission domestic, commercial & industrial gas appliances & equipment;

and

Evidence of successful completion in the following units of competency:

- BCPCM4001A or CPCPCM4011 or CPCPCM4011 or CPCPCM4011A - Carry out work based risk control processes;
- BCPGS4001A or CPCPGS4001A – Plan, size and layout consumer gas installations or CPCPGS4011 or CPCPGS4011A or CPCPGS4011B or CPCPGS4011C - Design and size consumer gas installations;
- BCPGS4002A or CPCPGS4002A or CPCPGS4012A or CPCPGS4022 or CPCPGS4022A - Service Type A gas appliances;

and

One of the following:

- Estimating 1A;
- BCPCM4002A - Estimate and cost work;
- CPCPCM4002A - Estimate and cost work;
- CPCPCM4012 - Estimate and cost work;
- CPCPCM4012A - Estimate and cost work;
- Tendering and Contracting from PEER VEET.

Or if applicant also holds a current plumbing workers registration with the scope “Can perform any plumbing work” which is not limited to being under direction or supervision:

Evidence of successful completion in the following units of competency:

- BCPGS4001A or CPCPGS4001A – Plan, size and layout consumer gas installations or CPCPGS4011 or CPCPGS4011A or CPCPGS4011B or CPCPGS4011C - Design and size consumer gas installations;
- BCPGS4002A or CPCPGS4002A or CPCPGS4012A or CPCPGS4022 or CPCPGS4022A - Service Type A gas appliances;

Scope of Work - limited to installation, servicing and commissioning of “Type B” gas appliances & associated equipment (as defined in AS3814), downstream of the appliance isolation valve

Option 1

Evidence of successful completion of BCPGS4003A -Install, commission and service Type B gas appliances.

Scope of Work - limited to LPG installations on recreational vehicles & mobile places of work as defined under AS5601 (excluding marine craft) as a proprietor, contractor or employee of a manufacturer &/or repair business

Option 1

Evidence of successful completion in the following units of competency:

- CPCGS3057A or BCPGS3002A - Size Consumer Piping Systems
- CPCGS3046A or BCPGS3006A - Install LP Gas Systems in Caravans/mobile homes water craft and mobile places of work

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.

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.

Contractor's licence

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

For more information

Email occupational@sa.gov.au	Website www.cbs.sa.gov.au	Phone Ph: 131 882	In person Customer Service Centre 91 Grenfell Street ADELAIDE SA 5000
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