



Plumber

(General)

ANZSCO Code: 334111

Occupation Description:

General Plumbers install and repair water, drainage, gas and sewerage pipes and systems other than water-based fire protection systems.



Their job involves:

- Studying blueprints, drawings and specifications to determine the layout of plumbing systems and materials required
- Setting out and installing hot and cold water systems and associated equipment
- Designing and installing sanitary plumbing and water supply systems, discharge pipes and sanitary fixtures
- Fabricating and installing soil and waste stacks
- Installing sewerage and effluent pumping equipment and disposal systems
- Installing below-ground drainage systems and associated ground support systems
- Installing, maintaining and repairing gas mains, piping systems downstream of the billing meter, and appliances and ancillary equipment associated with the use of fuel gases
- Fabricating and installing metal roofing, rainwater goods and flashings.

How will I be assessed?

Stage 1: Documentary Evidence Assessment

1

We will review your documentary evidence to ensure it meets the employment and training requirements and indicates that you have the necessary skills, knowledge and experience as a General Plumber.

You can find information about the employment, training, and document requirements below:

- For information on what evidence you need to include with your application, download the **Evidence guide**.
- For information about the employment experience requirements for a Pathway 1 application, please refer to the **Pathway 1 Employment Experience Guidelines**.
- If you are applying for a Pathway 2 assessment, please read the **Pathway 2 Assessment Guide**.

In addition to these guides, find information on assessment for your specific occupation:

- **Practical Experience Summary**

Stage 2: Technical Assessment

2

If you are successful in Stage 1, you will complete a technical interview with our assessor. The assessor will ask you questions about the knowledge required to work in your trade in Australia and how you apply that knowledge.

For more information about the technical interview, see **Pathway 1 Technical Assessment Guide**.

Stage 3 : Practical Assessment

3

If you are successful in Stage 2, an assessor will assess you via a Practical Assessment where you will complete a series of work-based tasks that demonstrate your trade skills.

For more information about the technical interview, see **Pathway 1 Technical Assessment Guide**.

What skills and knowledge do I need?

The qualification relevant to this occupation is the **CPC32420 Certificate III in Plumbing**.

To be awarded this qualification, you must demonstrate your skills and knowledge in the units of competency listed in the table below. Each unit of competency defines a selection of knowledge and skills required in Australian workplaces.

Safety

| Code | Title |
|-------------|--|
| CPCPCM2043 | Carry out WHS requirements |
| CPCCWHS2001 | Apply WHS requirements, policies and procedures in the construction industry |
| CPCCCM2012* | Work safely at heights |
| CPCPCM2055* | Work safely on roofs |
| MEM11011* | Undertake manual handling |
| MEM13015 | Work safely and effectively in manufacturing and engineering |
| HLTAID011 | Provide First Aid |

General Plumbing Workplace Skills

| Code | Title |
|-------------|---|
| CPCPCM2039 | Carry out interactive workplace communication |
| CPCPCM2040* | Read plans, calculate quantities and mark out materials |
| CPCPCM2041 | Work effectively in the plumbing services sector |
| CPCPCM2045* | Handle and store plumbing materials |
| CPCPCM2046* | Use plumbing hand and power tools |
| MEM16006* | Organise and communicate information |
| CPCPCM3024* | Prepare simple drawings |
| CPCPCM2054* | Carry out simple concreting and rendering |
| CPCPCM3025* | Install trench support |
| CPCPCM2047* | Carry out levelling |

Water

| Code | Title |
|-------------|--|
| CPCPWT3021* | Set out and install water services |
| CPCPWT3022* | Install and commission water heating systems and adjust controls and devices |
| CPCPCM3023* | Fabricate and install non-ferrous pressure piping |
| CPCPWT3027* | Install backflow prevention devices |
| CPCPCM3022* | Weld polymer pipes using fusion method |

Sanitary Drainage

| Code | Title |
|-------------|---|
| CPCPDR3021* | Plan layout and install below ground sanitary drainage systems |
| CPCPSN3011* | Plan the layout of a residential sanitary plumbing system and fabricate and install sanitary stacks |
| CPCPSN3022* | Install discharge pipes |
| CPCPWT3026* | Install and fit off sanitary fixtures, water services and adjust water service controls |
| CPCPWT3020* | Connect and install storage tanks to a domestic water supply |
| CPCPWT3025* | Install water pumpsets |
| CPCPWT3024* | Install and maintain domestic water treatment equipment |
| CPCPWT3028* | Install property service |
| CPCPWT3029* | Install water pipe systems |
| CPCPSN3025 | Install pre-treatment facilities |
| CPCPSN3026 | Install sewerage pump sets |
| CPCPDR3023* | Install on-site domestic wastewater treatment plants and disposal systems |
| CPCPDR2026* | Install prefabricated inspection openings and inspection chambers |
| CPCPDR2021* | Locate and clear blockages |
| CPCPDR2025* | Install stormwater and sub-soil drainage systems and drain work site |
| CPCPFS3031* | Fabricate and install fire hydrant and hose reel systems |

Welding and Fabrication

| Code | Title |
|-------------|---|
| CPCPCM2049* | Cut using oxy-acetylene equipment |
| CPCPCM2052* | Weld mild steel using oxy-acetylene equipment |
| CPCPCM2053 | Weld using metal arc welding equipment |

Gas

| Code | Title |
|-------------|---|
| CPCPGS3049* | Install gas appliance flues |
| CPCPGS3051* | Purge consumer piping |
| CPCPGS3056* | Size and install consumer gas piping systems |
| CPCPGS3061* | Install and commission Type A gas appliances |
| CPCPGS3053* | Disconnect and reconnect Type A gas appliances |
| CPCPGS3048* | Install gas pressure control equipment |
| CPCPGS3055 | Install gas sub-meters |
| CPCPGS3052 | Maintain Type A gas appliances |
| CPCPGS3054* | Calculate and install natural ventilation for Type A gas appliances |
| CPCPGS3059* | Install LPG storage of aggregate storage capacity up to 500 litres |
| CPCPGS3046 | Install LPG systems in caravans, mobile homes and mobile workplaces |

Roofing

| Code | Title |
|-------------|---|
| CPCPCM2048* | Cut and join sheet metal |
| CPCPRF3022* | Fabricate and install roof drainage systems |
| CPCPRF3023* | Fabricate and install external flashings |
| CPCPCM3021* | Flash penetrations through roofs and walls |
| CPCPRF2023* | Collect and store roof water |
| CPCPRF3024* | Install roof components |

How do I find out more about each unit of competency?

You are strongly encouraged to review each of the units of competency shown above. To do this:

1. Go to the following website:
<http://training.gov.au/Search>.
2. Enter a unit code (e.g. MSMWHS200) into the 'Title or code' search box.
3. Click on the 'NRT' button.
4. Click on the 'Search' button.
5. Read the Unit of Competency information.

Where can I find more information?

Please refer to our website: <http://www.vetassess.com.au/skills-assessment-for-migration/trade-occupations>

If you have further questions, contact us at:



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