VETASSESS

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,
  - read the **Pathway 2 Assessment Guide.**
  - complete and submit the **Observation report** with your application

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

2. Enter a unit code (e.g. MSMWHS200) into the search box.

3. Click on the Nationally recognised training button.

4. Click on the 'Search' button.

5. Read the Unit of Competency information.

What employment and training evidence do I need?

Pathway 1

Your evidence needs to demonstrate that you meet the minimum employment experience requirements for your nominated occupation:

- No formal training – 6 years' employment experience
- Relevant formal training – 4 years' employment experience

Formal training is training that is accredited by the authorised governing body in the country where the qualification was undertaken. It must be in your nominated occupation, or an occupation directly related to your nominated occupation.

Your **employment** must be in your nominated occupation, or in an occupation that is directly related to your nominated occupation and must include at least 12 months' employment in your nominated occupation within the last 3 years (currency).

It also has to be paid and full-time (or equivalent part-time). Full-time employment refers to working the standard number of hours defined as full-time in the country where the employment was undertaken. Part-time employment is counted on a pro rata basis.

An **apprenticeship** can be considered as employment experience if:

- it has been completed and meets the definition of formal training
- the employer details are recorded in the employment section of the application form and supported by sufficient official employment evidence.

Pathway 2

Your evidence needs to demonstrate that you:

- Hold an accepted Australian qualification for your nominated occupation (please refer to Pathway 2 Assessment Guide for the full list of accepted qualifications) or a current, identified Australian occupational licence (not subject to restrictions).
- Worked full-time (or equivalent part-time) in paid employment in your occupation, or in an occupation that is directly related to your nominated occupation, for a total of at least 3 years.
- Worked full-time (or equivalent part-time) in your occupation for 12 months in the last 3 years (currency):

o For applicants who hold an Australian qualification, the 12 months' employment must have been completed in Australia after obtaining the full licence.

o For Australian occupational licence holders, this employment must have been undertaken in Australia or New Zealand after obtaining the full licence.

IMPORTANT NOTE:

Work that may have been carried out unlicensed / illegally in Australia cannot be considered as evidence.

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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