## Qualification Template

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| Code | Title |
| CPC3XX18 | Certificate III in Plumbing |

**Qualification Description**

This qualification reflects the trade qualified role of a plumber who may have responsibility for assembling, installing and repairing water, drainage, gas, sewerage, ventilation and heating systems in residential, industrial and commercial contexts, in both existing and new constructions.

Occupational titles could include:

* Plumber
* Plumber and drainer
* Plumber and gasfitter
* Gasfitter
* Roof Plumber

The plumbing industry strongly affirms that training and assessment leading to recognition of skills must be undertaken in a real or closely simulated workplace environment and this qualification requires all units of competency to be delivered and assessed in this context.

Completion of the general construction induction training program specified by the model Code of Practice for Construction Work is required before entering a construction work site. Achievement of unit CPCCWHS1001 Prepare to work safely in the construction industry meets this requirement.

This is a licenced occupation. Licensing, legislative, regulatory and certification requirements may vary between states. Relevant state and territory regulatory authorities should be consulted to confirm those requirements.

**Entry Requirements**

There are no entry requirements for this qualification.

**Packaging Rules**

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| To achieve this qualification, competency must be demonstrated in:   * **X** units of competency: * **35** core units * **X** elective units.   The elective units must ensure the integrity of the AQF alignment and contribute to a valid, industry-supported vocational outcome and are to be chosen as follows:   * a minimum of **X** elective units must be chosen from elective units listed below, * up to **X** units may be chosen from the elective units listed below, or from other Training Packages | |
| An asterisk against a unit code listed below indicates that there are prerequisite requirements that must be met when packaging the qualification. Users are referred to the list of units with prerequisite unit requirements available for this purpose in the Training Package Implementation Guide. | |
| **Core units** | |
| CPCXXXXXXX | Communicate and work effectively in the plumbing industry   * CPCPCM2039A Carry out interactive workplace communication * CPCPCM2041A Work effectively in the plumbing and services sector\* |
| CPCCCN2043A | Carry out WHS requirements |
| CPCXXXXXXX | Interpret plans and calculate plumbing quantities   * CPCPCM2050A Mark out materials\* * CPCPCM2040A Read plans and calculate plumbing quantities |
| PCCCM2010B | Work safely at heights\* |
| CPCPCM2055A | Work safely on roofs\* |
| HLTAID003 | Provide first aid |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry  (As agreed by the TAG, where a core unit requires a pre-requisite, the pre-requisite unit should also be a core unit to avoid electives being depleted) |
| RIICCM210D | Install trench support |
| CPCXXXXXXX | XXXXXXXXXXXXX   * CPCPDR2024A Install stormwater and sub-soil drainage systems\* * CPCPDR2025A Drain worksite\* |
| CPCXXXXXXX | XXXXXXXXXXXXX   * **CPCPDR3021A** Plan layout of a residential sanitary drainage system\* * CPCPD3022A Install below ground sanitary drainage systems\* |
| CPCPCM2047A | Carry out levelling\* |
| CPCPDR2026A | Install prefabricated inspection openings and enclosures\* |
| CPCXXXXXXX | XXXXXXXXXXXXX   * **CPCPDR3023A** Install on-site disposal systems\* * CPCPDR2022A Install domestic treatment plants\* |
| CPCPDR2021A | Locate and clear blockages\* |
| CPCPGS3051A | Purge consumer piping\* |
| CPCXXXXXXX | XXXXXXXXXXXXX   * CPCPGS3053A Disconnect and reconnect Type A gas appliances\* * CPCPGS3052A Maintain Type A gas appliance\* |
| CPCXXXXXXX | Size and install gas piping systems   * CPCPGS3056A Install gas piping systems\* * CPCPGS3057A Size consumer gas piping systems\* |
| CPCXXXXX | XXXXXXXXXX   * CPCPGS3059A Install LPG storage of aggregate storage capacity up to 500 litres\* * CPCPGS3048A Install gas pressure control equipment\* |
| CPCXXXXXXX | XXXXXXXXXXXXXX   * CPCPGS3061A Install and commission Type A gas appliances\* * CPCPGS3049A Install Type A gas appliance flues\* |
| CPCPGS3054A | Calculate and install natural ventilation for Type A gas appliances\* |
| CPCXXXXX | XXXXXXXXXXXX   * CPCPRF2022A Select and install roof sheeting and wall cladding\* * CPCPRF3026A Install composite roof systems\* * CPCPRF3021A Receive roofing materials\* |
| CPCXXXXX | XXXXXXXXXXX   * CPCPRF3022A Fabricate and install roof drainage components\* * CPCPRF3024A Install roof components\* |
| CPCCCM2048A | Cut and join sheet metal\* |
| CPCPRF3023A | Fabricate and install external flashings\* |
| **CPCPCM3021A** | Flash penetrations though roofs and walls\* |
| CPCXXXXX | XXXXXXXX   * **CPCPSN3022A** Install discharge pipes\* * CPCPSN3023A Fabricate and install sanitary stacks\* * CPCPSN3011B Plan layout of a residential sanitary plumbing system\* |
| CPCPSN3025A | Install pre-treatment facilities\* |
| CPCPCM3022A | Weld poly pipes (rename)\* |
| CPCPCM3023A | Fabricate and install non-ferrous pressure piping\* |
| CPCPWT3021A | Set out and install water services\* |
| CPCXXXXX | XXXXXXXXXXXXX   * **CPCPWT3023A** Install and commission water heating systems\* * CPCPWT3022A Install and adjust water services controls and devices (.5 unit)\* |
| CPCXXXXX | XXXXXXXXXXXXXX   * CPCPWT3022A Install and adjust water services controls and devices (.5 unit)\* * CPCPSN3024A Install and fit off sanitary fixtures\* * CPCPWT3026A Fit off and commission heated and cold water services\* |
| CPCPWT3025A | Install water pumpsets\* |
| CPCPWT3027A | Connect irrigation systems from drinking water supply\*  **Rename: Connect non-drinking water to a drinking supply** |
| CPCPFS3031A | Fabricate and install hydrant and hose reel systems\* |
| CPCXXXXX | Work as a plumbing tradesperson  (proposed new unit – summative assessment unit?) |
| **Elective units** | |
| CPCPGS3046A | Install LPG systems in caravans, mobile homes and mobile workplaces |
| CPCPMS3033A | Install small bore heating systems |
| CPCXXXXX | XXXXXXXXXXXXXXX   * CPCPMS3036A Install air handling units * CPCPMS2021A Assemble mechanical services components * CPCPMC3035A Install and test ducting systems * CPCPMS3032A Select and fit insulation and sheathing |
| CPCPMS3040A | Install and maintain evaporative air cooling systems |
| CPCPMS3034A | Install medical gas pipeline systems |
| CPCPMS3037A | Install and test split system air conditioning |
| MEM05095B | Perform routine gas tungsten arc welding |
| MEM05050B | Perform routine gas metal welding |
| UEENEE101A | Apply occupational health and safety regulations, codes and practices in the workplace |
| UEENEEJ102A | Prepare and connect refrigerant tubing and fittings |
| UEENEEJ105A | Position, assemble and start up single head split air conditioning and water heating heat pump systems |
| UEENEEJ172A | Recover, pressure test, evacuate, charge and leak test refrigerants – split systems |
| CPCPCM2054A | Carry out simple concreting and rendering |
| CPCCCM3001 | Operate elevated work platforms |
| CPCPWT3020A | Connect and install storage tanks to a domestic water supply |
| CPCPFS3038A | Test and maintain fire hydrant and hose reel installations |
| CPCPGS3055A | Install gas sub-meters |
| CPCPGS3060A | Install LPG storage of aggregate storage capacity exceeding 500 litres and less than 8KL |
| CPCPSN3026A | Install sewerage pumpsets |
| CPCPWT3028A | Install property water services (name change) |
| CPCPWT3029A | Install water main piping systems |
| RIIWHS202D | Enter and work in confined spaces |
| CPCPFS3030A | Install home fire sprinkler systems |
| CPCPFS3037A | Install domestic and residential life safety sprinkler systems |
| CPCPRF2023A | Collect and store roof water |

**Qualification Mapping Information**

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| MAPPING OF QUALIFICATIONS | | | |
| **Code and Title** | **CPC08 Construction, Plumbing and Services Training Package** | **Comments** | **Equivalent/ Not Equivalent** |
| CPC3XX18 Certificate III in Plumbing | CPC32413 Certificate III in Plumbing | Not Equivalent |  |

**Links**

An Implementation Guide to this Training Package is available at:

[https://vetnet.education.gov.au/.... [ADD](https://vetnet.education.gov.au/....%20%5bADD) CPP or CPC LINK HERE]