## Qualification Template

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| Code | Title |
| CPC4XX18 | Certificate IV in Plumbing and Services |

**Qualification Description**

This qualification reflects the role of an experienced plumbing service operator with advanced technical skills and or responsibility for project design and supervision, or a hydraulic consultant, responsible for designing hydraulic components and systems that meet client requirements and help in effective water management in domestic, commercial and industry contexts.

Occupational titles could include:

* Plumbing contactor
* Hydraulic designer

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 in some jurisdictions. 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:* **14** units of competency:
* **9** core units
* **5** elective units.

The 5 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 **3** elective units must be chosen from elective units listed below,
* up to **2** units may be chosen from any Certificate IV or Diploma endorsed Training Package or accredited course provided they do not duplicate the outcome of another unit chosen for the qualification.
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| 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. |
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| CPCCBC4012B | Read and interpret plans |
| CPCPCCM4011B | Carry out work based risk control processes |
| CPCPCM4012A | Estimate and cost work |
| CPCPDR4011B | Design and size sanitary drainage systems |
| CPCPDR4012B | Design and size stormwater drainage systems |
| CPCPSN4011B | Design and size sanitary plumbing systems |
| CPCPWT4011B | Design and size heated and cold water services and systems |
| BSBSMB401 | Establish legal and risk management requirements of small business |
| CPCPGS4011C | Design and size consumer gas installations  |
| **Elective units** |
| BSBSMB402 | Plan small business finances  |
| CPCCBC4024A | Resolve business disputes |
| CPCPRF4011B | Design and size roof drainage systems |
| CPCPCM4013A | Produce 2-D architectural drawings using CAD software |
| CPCPCM4014A  | Prepare simple sketches and drawings |
| CPCCBC4002A  | Manage occupational health and safety in the building and construction workplace |
| CPCCBC4015A  | Manage personal work priorities and professional development |
| CPCPDR4013B | Design and size domestic treatment plan disposal systems |
| CPCPFS4024A | Design residential and domestic fire sprinkler systems |
| CPCPMS4011B | Design, size and lay out heating and cooling systems |
| CPCPMS4022A | Commission air and water systems |
| CPCPMS4023A | Design compressed air systems |
| CPCPWT4022A | Commission and maintain backflow prevention devices\* (pre-requisite unit from CIII)  |
| CPCPWT4023A | Commission and maintain hot and heated water temperature control devices\* (pre-requisite unit from CIII)  |
| CPCPGS4022A | Service Type A gas appliances\* (pre-requisite unit from CIII) |
| CPCPGS4023B | Install, commission and service Type B gas appliances |
| CPCPDR2023A | Maintain Effluent disinfection systems\*new Cert IV unit to align with Qld and SA accredited courses required to undertake this work(note: this unit is an elective in the CII in Drainage.  If the drainage qualification requires to retain it as an elective (?) and a new and different unit is required, it will need to be added to the list of potential new units for case for change in later phases, or TAG consider whether the unit should be 're-written’ to include necessary requirements (remembering that units do not have ‘levels’) to be suitable for the CII in Drainage and as an elective in the CIV) |
| CPCCBC4019A  | Apply sustainable building design principles to water management systems |
| CPCCBC4034A | Apply codes and standards to building trade and services contracting |
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**Qualification Mapping Information**

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| MAPPING OF QUALIFICATIONS |
| **Code and Title** | **CPC08 Construction, Plumbing and Services Training Package** | **Comments** | **Equivalent/ Not Equivalent** |
| CPC4XX18 Certificate IV in Plumbing and Services | CPC40912 Certificate IV in Plumbing and Services | Qualification supersedes and is equivalent to:  |  |

**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]