Qualification Template

**QUALIFICATION CODE** CPC40920

**QUALIFICATION TITLE** 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 contractor
* 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 *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 and territories. Relevant state and territory regulatory authorities should be consulted to confirm those requirements.

**ENTRY REQUIREMENTS**

For the operations stream, a candidate must hold a Certificate III in Plumbing or be authorised to undertake plumbing work by an Australian regulator/licensing body.

There are no entry requirements for the hydraulic services design pathway.

**PACKAGING RULES**

To be awarded this qualification, competency must be achieved in:

* 15 units of competency:
	+ 10 core units
	+ 5 elective units.

For the award of the *CPC40920 Certificate IV in Plumbing and Services (Hydraulic services design)* electives are to be selected as follows:

* 15 units of competency:
	+ 10 core units
	+ 5 elective units from Group A
	+ 2 units may be replaced by units from other Training Packages or nationally accredited courses at Certificate IV level and above, provided they do not duplicate the outcome of another unit chosen for the qualification.
	+ Electives cannot be selected from Group B.

For the award of the *CPC40920 Certificate IV in Plumbing and Services (Operations)* electives are to be completed as follows:

* 15 units of competency:
	+ 10 core units
	+ at least 1 elective from Group B
	+ the remaining 4 elective units from Group A or Group B
	+ 2 units may be replaced by units from other Training Packages or nationally accredited courses at Certificate IV level and above, provided they do not duplicate the outcome of another unit chosen for the qualification.

The elective units must ensure the integrity of the AQF alignment and contribute to a valid, industry-supported vocational outcome.

An asterisk (\*) against a unit code below indicates that the unit has a prerequisite. Please check the unit for information on this. All prerequisites are packaged in the qualification.

**Core Units**

|  |  |
| --- | --- |
| BSBSMB401 | Establish legal and risk management requirements of small business |
| CPCCBC4012 | Read and interpret plans and specifications |
| CPCPCM4011 | Carry out work-based risk control processes |
| CPCPCM4012 | Estimate and cost work |
| CPCPCM4015 | Access and interpret regulatory requirements for the plumbing and services industry |
| CPCPDR4011 | Design and size sanitary drainage systems |
| CPCPDR4012 | Design and size stormwater drainage systems |
| CPCPGS4011 | Design and size consumer gas installations  |
| CPCPSN4011 | Design and size sanitary plumbing systems |
| CPCPWT4011 | Design and size heated and cold-water services and systems |

**Group A**

|  |  |
| --- | --- |
| BSBSMB402 | Plan small business finances  |
| CPCCBC4002 | Manage work health and safety in the building and construction workplace |
| CPCCBC4019  | Apply sustainable building design principles to water management systems |
| CPCCBC4024 | Resolve business disputes |
| CPCPCM4013 | Produce 2-D architectural drawings using design software |
| CPCPDR4013 | Design and size domestic treatment plant disposal systems |
| CPCPPS5033\* | Design vacuum sewerage systems  |
| CPCPFS4024\* | Design residential fire sprinkler systems |
| CPCPMS4011 | Design, size and lay out heating and cooling systems |
| CPCPMS4023 | Design compressed air systems |
| CPCPRF4011 | Design and size roof drainage systems |

**Group B**

|  |  |
| --- | --- |
| CPCPCM2043 | Carry out WHS requirements |
| CPCPDR3023\* | Install on-site domestic wastewater treatment plants and disposal systems |
| CPCPFS3037\*  | Install residential life safety sprinkler systems  |
| CPCPFS4021 | Commission domestic and residential fire suppression sprinkler systems |
| CPCPGS3053  | Disconnect and reconnect Type A gas appliances |
| CPCPGS4022\* | Service Type A gas appliances |
| CPCPGS4023\* | Install, commission and service Type B gas appliances |
| CPCPMS4022\* | Commission air and water systems |
| CPCPWT3022\*  | Install and commission water heating systems and adjust controls and devices |
| CPCPWT3027\*  | Connect irrigation systems from drinking water service |
| CPCPWT4022\* | Commission and maintain backflow prevention devices |
| CPCPWT4023\* | Test, commission and maintain hot and heated water temperature control devices  |
| UEENEEP012A | Disconnect / reconnect composite appliances connected to low voltage installation wiring  |

# QUALIFICATION MAPPING INFORMATION

|  |  |  |  |
| --- | --- | --- | --- |
| **Code and Title** | **CPC08 Construction, Plumbing and Services Training Package** | **Comments** | **Equivalency statement** |
| CPC40920Certificate IV in Plumbing and Services | CPC40912Certificate IV in Plumbing and Services | Supersedes and is non-equivalent to CPC40912 Certificate IV in Plumbing and Services | N |

**LINKS**

An Implementation Guide to this Training Package is available at:

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>