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

BSBESB403	Plan finances for new business ventures
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
UEERL0004	Disconnect -reconnect electrical equipment connected to low voltage (LV) installation wiring

QUALIFICATION MAPPING INFORMATION

Code and Title	**CPC08 Construction, Plumbing and Services Training Package**	**Comments**	**Equivalency statement**
CPC40920 Certificate IV in Plumbing and Services	CPC40912 Certificate IV in Plumbing and Services	Supersedes and is non-equivalent to CPC40912 Certificate IV in Plumbing and Services. Updated to meet the Standards for Training Packages 2012.	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