## Qualification Template

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| Code | Title |
| CPC3XX18 | Certificate III in Fire Protection |

**Qualification Description**

This qualification reflects the trade qualified role of a person installing, testing, maintaining and repairing a range of fire protection systems.

Occupational titles could include:

* Fire protection systems technician
* Sprinkler system installer

This qualification includes units of competency common to other qualifications in the plumbing industry as well as specialist fire protection units and can provide a pathway to further learning and work in the fire protection industry.

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:   * **39** units of competency: * **29** core units * **10** 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 **7** elective units must be chosen from X listed below, * up to **3** 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** | |
|  | Communicate and work effectively in the plumbing industry   * CPCPCM2019A Carry out interactive workplace communication * CPCPCM2041A Work effectively in the plumbing and services sector |
|  | Interpret plans and calculate plumbing quantities   * CPCPCM2050A Mark out materials * CPCPCM2040A Read plans and calculate plumbing quantities |
| CPCPCM2043A | Carry out WHS requirements |
| ~~CPCPCM2045A~~ | ~~Handle and store plumbing materials~~ Content incorporated into individual technical units where applicable |
| ~~CPCPCM2046A~~ | ~~Use plumbing hand and power tools~~ Content incorporated into individual technical units where applicable |
| CPCPCM2047A | Carry out levelling |
| CPCPCM2049A | Cut using oxy-LPG-acetylene equipment |
| CPCPCM2052A | Weld using oxy-acetylene equipment |
| CPCPCM2053A | Weld using manual metal arc welding equipment |
| CPCPCM3023A | Fabricate and install non-ferrous pressure piping |
| CPCPFS2021A | Connect static storage tanks for fixed fire protection systems |
| CPCPFS3030A | Design pre-calculated fire sprinkler systems |
| CPCPFS3031A | Fabricate and install fire hydrant and hose reel systems |
| CPCPFS3034A | Install control valve assemblies, actuating devices and local alarms |
| CPCPFS3036A | Install special hazard systems |
| CPCPFS3037A | Install domestic and residential life safety sprinkler systems |
| CPCPFS3038A | Test and maintain fire hydrant and hose reel installations |
| CPCPFS3044A | Install distribution and range pipes |
| CPCPFS3045A | Fit off sprinkler heads, controls and ancillary equipment |
| CPCPFS3046A | Test the integrity of water-based fire protection systems using pressure |
| CPCPFS3047A | Test and maintain automatic fire sprinklers |
| CPCPMS3031A | Fabricate and install steel pressure piping |
| CPCPWT3028A | Install water services |
| CPPFES2025A | Inspect, test and maintain gaseous fire-suppression systems |
| CPPFES2043A | Prevent ozone depleting substance and synthetic greenhouse gas emissions |
| CPPFES2047A | Inspect and test control and indicating equipment |
| CPCPFS3040A | Conduct basic functional testing of water-based fire-suppression systems |
| CPCPFS3041A | Inspect and test fire pumpsets |
| CPCPFS3042A | Conduct annual functional testing of complex water-based fire-suppression systems |
| CPCPFS3043A | Conduct functional water flow testing |
| CPCPFS3048A | Install fixed fire pumpsets |
| **Elective units** | |
| CPCCCM2008B | Erect and dismantle restricted height scaffolding |
| CPCCCM2010B | Work safely at heights |
| CPCCCM3001 | Operate elevated work platforms |
| CPCCPB3015A | Install acoustic and thermal environmental protection systems |
| CPCCRI3001A | Operate personnel and materials hoists |
| CPCCST2005A | Carry out load slinging of off-site materials |
| CPCPCM2054A | Carry out simple concreting and rendering |
| **CPCPCM3021A** | Flash penetrations through roofs and walls |
| CPCPCM2055A | Work safely on roofs |
|  | XXXXXXXXXXXXX   * CPCPRF3022A fabricate and install roof drainage compenents * CPCPRF3024A Install roof components |
| CPCPCM3022A | Weld polyethylene and polypropylene pipes using fusion method |
| CPCPFS2022A | Install portable fire equipment |
| CPCPFS3049A | Conduct preventive maintenance on fixed fire pumpsets |
| CPCPWT3029A | Install water pipe systems |
| CPCPWT3030A | Install home fire sprinkler systems |
| CPPCMN2002A | Participate in workplace safety arrangements |
| CPPFES2006A | Prepare for installation and servicing operations |
| RIICCM210D | Install trench support |
| HLTAID002 | Provide basic emergency life support |
| CPCPWT3025A | Install water pumpsets |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry |
| CPCPCM2048A | Cut and join sheet metal |
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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** |
| CPC3XX18 Certificate III in Fire Protection | CPC32813 Certificate III in Fire Protection | Qualification supersedes and is equivalent to: CPC32813 | E |

**Links**

An Implementation Guide to this Training Package is available at:

https://vetnet.education.gov.au/....

Highlighted units from CPP package undergoing review and transition concurrently. May need to review transitioned units and consider any changes and or impacts on suitability/relevance within this qualification.