## Qualification Template

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| Code | Title |
| CPC20118 | Certificate II in Drainage |

**Qualification Description**

This qualification reflects the role of a drainer, responsible for carrying out installation of below ground stormwater and sub-soil drainage systems, sanitary drainage systems, domestic treatment plants, on-site disposal systems and trench support, locating and clearing blockages and or installing pre-fabricated inspection openings and enclosures.

Occupational titles could include:

* Drainer

Completion of this qualification indicates that a person has the practical skills and operational knowledge to perform routine drainage tasks in a defined context, usually working under direct supervision.

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

Licensing, legislative, regulatory and certification requirements apply to drainage in some states. Relevant state and territory regulatory authorities should be consulted to confirm those requirements.

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.

**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:
* **11** 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 X listed below,
* up to **X** units may be chosen from the elective units listed below, or from other Training Packages
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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. |
| **Core units** |
| CPCXXXXX | Communicate and work effectively in the plumbing industry* CPCPCM2039A Carry out interactive workplace communication
* CPCPCM2041A Work effectively in the plumbing and services sector
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| CPCXXXXX | Interpret plans and calculate plumbing quantities* CPCPCM2050A Mark out materials
* CPCPCM2040A Read plans and calculate plumbing quantities
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| CPCPCM2043A | Carry out WHS requirements  |
|  | ~~Handle and store plumbing materials~~ Content incorporated into individual technical units where applicable |
|  | ~~Use plumbing hand and power~~ tools Content incorporated into individual technical units where applicable |
| CPCPCM2047A | Carry out levelling  |
| CPCPCM2054A | Carry out simple concreting and rendering  |
| CPCPDR2021A | Locate and clear blockages  |
| CPCXXXXX | XXXXXXXXXXXXX* CPCPDR3023A Install on-site disposal systems
* CPCPDR2022A Install domestic treatment plants
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| CPCXXXXX | XXXXXXXXXXXXX* CPCPDR2024A Install stormwater and sub-soil drainage systems
* CPCPDR2025A Drain worksite
 |
| CPCPDR2026A | Install prefabricated inspection openings and enclosures  |
| CPCXXXXX | XXXXXXXXXXXXX* CPCPDR3021A Plan layout of a residential sanitary drainage system
* CPCPDR3022A Install below ground sanitary drainage systems
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| HLTAID002 | Provide basic emergency life support |
| **Elective units** |
| CPCPCM2049A  | Cut using oxy-LPG-acetylene equipment  |
| CPCPCM2052A  | Weld using oxy-acetylene equipment  |
| CPCPCM2053A  | Weld using manual metal arc welding equipment  |
| CPCPCM3022A  | Weld polyethylene and polypropylene pipes using fusion method  |
| ~~CPCPDR2023A~~ | ~~Maintain effluent disinfection systems~~Unit proposed to be rewritten for inclusion at CIV level to undertake ‘regulated’ work in this area. |
| CPCPRF2023A  | Collect and store roof water  |
| CPCPSN3025A  | Install pre-treatment facilities   |
| CPCCST2005A  | Carry out load slinging of off-site materials |
| RIICCM210A  | Install trench support  |

**Qualification Mapping Information**

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| MAPPING OF QUALIFICATIONS |
| **Code and Title** | **CPC08 Plumbing and Services Training Package** | **Comments** | **Equivalent/ Not Equivalent** |
| CPC20118 Certificate II in Drainage | CPC20712 Certificate II in Drainage | Qualification supersedes and is equivalent to: CPC20712 | E |

**Links**

An Implementation Guide to this Training Package is available at:

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