## Qualification Template

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| Code | Title |
| CPC3XX18 | Certificate III in Gas Fitting |

**Qualification Description**

This qualification reflects the trade qualified role of a person installing, testing, maintaining and repairing gas lines, meters, regulators and piping systems downstream of the billing meter, and appliances and ancillary equipment such as hot water systems, gas heaters and heat pumps associated with the use of fuel gases, including liquefied petroleum gas systems.

Occupational titles could include:

* Gas Fitter

This qualification includes units of competency common to other qualifications in the plumbing industry as well as gas fitting specialist units of competency 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.

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:* **X** units of competency:
* **X** 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 | CPCPCM2039A Carry out interactive workplace communicationCPCPCM2041A Work effectively in the plumbing and services industry |
| CPCXXXXX | CPCPCM2040A Read plans and calculate plumbing quantitiesCPCPCM2050A Mark out materials |
| CPCPCM2043A  | Carry out WHS requirements  |
| CPCPCM2047A  | Carry out levelling  |
| HLTAID003 | Provide first aid |
| CPCPCM2048A | Cut and join sheet metal  |
| CPCPCM2055A  | Work safely on roofs  |
| CPCPCM3021A  | Flash penetrations through roofs and walls  |
| CPCPCM2052A  | Weld using oxy-acetylene equipment  |
| CPCPGS3046A  | Install LPG systems in caravans, mobile homes and mobile workplaces  |
| CPCPGS3047A  | Install LPG systems in marine craft  |
| CPCXXXXX | CPCPGS3048A Install gas pressure control equipmentCPCPGS3059A Install LPG storage of aggregate storage capacity up to 500 litres  |
| CPCXXXXX | CPCPGS3049A Install Type A gas appliance fluesCPCPGS3061A Install and commission Type A gas appliances  |
| CPCPGS3051A  | Purge consumer piping  |
| CPCXXXXX | CPCPGS3053A Disconnect and reconnect Type A gas appliancesCPCPGS3052A Maintain Type A gas appliances |
| CPCPGS3054A  | Calculate and install natural ventilation for Type A gas appliances  |
| CPCXXXXX | CPCPGS3056A Install gas piping systemsCPCPGS3057A Size consumer gas piping systems |
| CPCPCM3022A  | Weld polyethylene and polypropylene pipes using fusion method  |
| **Elective units** |
| CPCPCM2053A  | Weld using manual metal arc welding equipment  |
| CPCPCM2049A  | Cut using oxy-LPG-acetylene equipment  |
| CPCCCM2008B  | Erect and dismantle restricted height scaffolding  |
| MEM05049B  | Perform routine gas tungsten arc welding  |
| MEM05050B  | Perform routine gas metal arc welding  |
| CPCCST2005A  | Carry out load slinging of off-site materials  |
| RIICCM210D  | Install trench support  |
| CPCCCM2010B  | Work safely at heights  |
| CPCCCM3001C  | Operate elevated work platforms  |
| CPCCOHS2001A  | Apply OHS requirements, policies and procedures in the construction industry  |
| CPCCRI3001A  | Operate personnel and materials hoists  |
| CPCXXXXX | CPCPMS3035A Install and test ducting systems CPCPMS3036A Install air handling units\*CPCPMS2021A Assemble mechanical services componentsCPCPMS3032A Select and fit insulation and sheathing\* |
| CPCPMS3031A  | Fabricate and install steel pressure piping  |
| CPCPMS3033A  | Install small bore heating systems  |
| CPCPGS3050A  | Install Type B gas appliance flues  |
| CPCPGS3055A  | Install gas sub-meters  |
| CPCPGS3060A  | Install LPG storage of aggregate storage capacity exceeding 500 litres and less than 8KL  |
| CPCPCM2054A  | Carry out simple concreting and rendering  |
| CPCPCM3023A  | Fabricate and install non-ferrous pressure piping  |
| UEENEEP014A | Disconnect/reconnect water heaters connected to low voltage installation wiring |
| UEENEEP012A | Disconnect/reconnect composite appliances connected to low voltage installation wiring |
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**Qualification Mapping Information**

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| MAPPING OF QUALIFICATIONS |
| **Code and Title** | **CPC08 Plumbing and Services Training Package** | **Comments** | **Equivalent/ Not Equivalent** |
| CPC3XX18 Certificate III in Gas Fitting | CPC32713 Certificate III in Gas Fitting | Qualification supersedes and is equivalent to: CPC32713 | E |

**Links**

An Implementation Guide to this Training Package is available at:

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