Qualification Template

**QUALIFICATION CODE** CPC32720

**QUALIFICATION TITLE** Certificate III in Gas Fitting

**QUALIFICATION DESCRIPTION**

This qualification reflects 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 (LPG) 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 *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 and territories. 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**

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

* 31 units of competency:
	+ 26 core units
	+ 5 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:

* 3 elective units must be chosen from listed below,
* 2 elective units can be selected from the list below or may be replaced by units from any relevant nationally endorsed Training Package or accredited course.

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**

|  |  |
| --- | --- |
| CPCCCM2012\* | Work safely at heights  |
| CPCCWHS2001  | Apply WHS requirement, policies and procedures in the construction industry |
| CPCPCM2039 | Carry out interactive workplace communication |
| CPCPCM2040\* | Read plans, calculate quantities and mark out materials |
| CPCPCM2041 | Work effectively in the plumbing services sectors |
| CPCPCM2043 | Carry out WHS requirements |
| CPCPCM2045\* | Handle and store plumbing materials |
| CPCPCM2046\* | Use plumbing hand and power tools |
| CPCPCM2047\*  | Carry out levelling  |
| CPCPCM2048\* | Cut and join sheet metal |
| CPCPCM2055\* | Work safely on roofs |
| CPCPCM3021\*  | Flash penetrations through roofs and walls  |
| CPCPCM3022\*  | Weld polyethylene and polypropylene pipes using fusion method  |
| CPCPCM3023\*  | Fabricate and install non-ferrous pressure piping  |
| CPCPGS3046\* | Install LPG systems in caravans, mobile homes and mobile workplaces |
| CPCPGS3047\* | Install LPG systems in marine craft |
| CPCPGS3048\* | Install gas pressure control equipment |
| CPCPGS3051\* | Purge consumer piping |
| CPCPGS3052\* | Maintain Type A gas appliances |
| CPCPGS3053\* | Disconnect and reconnect Type A gas appliances |
| CPCPGS3054\* | Calculate and install natural ventilation for Type A gas appliances |
| CPCPGS3056\* | Size and install consumer gas piping systems |
| CPCPGS3059\* | Install LPG storage of aggregate storage capacity up to 500 litres |
| CPCPGS3061\* | Install and commission Type A gas appliances |
| CPCPGS3049\*  | Install gas appliance flues  |
| HLTAID003 | Provide first aid |

**Elective units**

|  |  |
| --- | --- |
| CPCCCM2008\*  | Erect and dismantle restricted height scaffolding  |
| CPCCCM3001 | Operate elevated work platforms  |
| CPCCRI3001\* | Operate personnel and materials hoists  |
| CPCCST2005\*  | Carry out load slinging of off-site materials  |
| CPCPCM2049\*  | Cut mild steel using oxy-LPG-acetylene equipment  |
| CPCPCM2053\*  | Weld using manual metal arc welding equipment  |
| CPCPCM2054\*  | Carry out simple concreting and rendering  |
| CPCPCM3024\* | Prepare simple drawings |
| CPCPCM3035  | Install trench support  |
| CPCPCM4013 | Produce 2-D architectural drawings using design software |
| CPCPGS3055\*  | Install gas sub-meters  |
| CPCPGS3060\* | Install LPG storage of aggregate storage capacity exceeding 500 litres and less than 8 kl  |
| CPCPGS4011\* | Design and size consumer gas installations |
| CPCPMS3031\*  | Fabricate and install steel pressure piping  |
| CPCPMS3033 \* | Install small bore heating systems  |
| MEM05049\* | Perform routine gas tungsten arc welding  |
| MEM05050 \* | Perform routine gas metal arc welding  |
| MEM11011 | Undertake manual handling |
| MEM13015 | Work safely and effectively in manufacturing and engineering |
| MEM16006 | Organise and communicate information |
| UEENEEP012A | Disconnect/reconnect composite appliances connected to low voltage installation wiring |
| UEENEEP014A | Disconnect - reconnect water heaters connected to low voltage installation wiring |

# QUALIFICATION MAPPING INFORMATION

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| --- | --- | --- | --- |
| **Code and Title** | **CPC08 Construction, Plumbing and Services Training Package** | **Comments** | **Equivalency statement** |
| CPC32720Certificate III in Gas Fitting | CPC32713Certificate III in Gas Fitting | Qualification supersedes and is equivalent to CPC32713 Certificate III in Gas Fitting  | E |

**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>