



Australian Government

CPC32720 Certificate III in Gas Fitting

Release 1

CPC32720 Certificate III in Gas Fitting

Modification History

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPC32713 Certificate III in Gas Fitting.
Updated to meet the Standards for Training Packages 2012.

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

CPCCWHS200
1 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
- HLTAID011 Provide first aid

Elective units

- CPCCCM2008* Erect and dismantle restricted height scaffolding
- CPCCCM3001 Operate elevated work platforms
- CPCCRI3001* Operate personnel and materials hoists
- CPCCCST2005* 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
- CPCPCM3025 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
UEERL0004	Disconnect-reconnect electrical equipment connected to low voltage (LV) installation wiring

Qualification Mapping Information

CPC Construction, Plumbing and Services Training Package 5.0	CPC08 Construction, Plumbing and Services Training Package	Comments	E/NE
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Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>