

Qualification Template

QUALIFICATION CODE	CPC32719
QUALIFICATION TITLE	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

To achieve this qualification, competency must be demonstrated in:

- 28 units of competency:
 - 23 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:

- a minimum of 3 elective units must be chosen from listed below,
- the remain two elective units can be selected from the list below or any other Training Package.

An asterisk (*) against a unit code below indicates that there is a prerequisite requirement that must be met. Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk. Check the unit of competency for information on specific prerequisite requirements. All prerequisite requirements are packaged in the qualification.

Core Units

CPCCCM2012*	Work safely at heights
CPCCWHS2001	Apply OHS requirement, policies and procedures in the construction industry
CPCPCM2040*	Read plans, calculate quantities and mark out materials
CPCPCM2041	Work effectively in the plumbing services sectors
CPCPCM2043	Carry out WHS requirements
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
CPCPGS3049*	Install gas appliance flues
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
CPCPGS3055*	Install gas sub-meters
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

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
CPCPCM3099	Prepare simple drawings
CPCPGS3049*	Install gas appliance flues
CPCPGS3055*	Install gas sub-meters
CPCPGS3060*	Install LPG storage of aggregate storage capacity exceeding 500 litres and less than 8KL
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
RIICCM210D	Install trench support
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

Code and Title	CPC08 Construction, Plumbing and Services Training Package	Comments	Equivalency statement
CPC32719 Certificate III in Gas Fitting	CPC32713 Certificate III in Gas Fitting	Qualification supersedes and is equivalent to CPC32713Certificate III in Fire Protection	E

LINKS

An Implementation Guide to this Training Package is available at: to be added.

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>