CPC32820 Certificate III in Fire Protection

Release: 5

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Modification History

Release 5   Updated reference to general construction induction training program.

Release 4   This version first released with CPC Construction, Plumbing and Services Training Package Release 6.6.

- Typographical correction made to title of HLTAID011 Provide First Aid.
- Addition of unit CPCPCM3024 Prepare simple drawings in elective bank and metadata unit grid.

Release 3   This version first released with CPC Construction, Plumbing and Services Training Package Release 6.1.

Unit code corrected in core unit list: CPCPCM2019 Carry out interactive workplace communication to CPCPCM2039 Carry out interactive workplace communication.

Release 2   This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.

Correction to unit title CPCPCM3022 in Elective units.

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

Supersedes and is equivalent to CPC32813 Certificate III in Fire Protection. Updated to meet the Standards for Training Packages 2012.

Qualification Description

This qualification reflects the trade qualified role of a person installing, testing, maintaining, routine service and repairing a range of fire protection systems.

Occupational titles could include:

- Fire sprinkler fitter tradesperson
- Fire sprinkler fitter.

This qualification includes units of competency common to other qualifications in the plumbing industry as well as specialist fire protection units and can provide a pathway to further learning and work in the fire protection 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 *CPCWHS1001 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 achieve this qualification, competency must be demonstrated in:

- 37 units of competency:
  - 32 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 those listed below,
- up to 2 units may be chosen from the elective units listed below or from any 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

CPCPCM2045*	Handle and store plumbing materials
CPCPCM2046*	Use plumbing hand and power tools
CPCPCM2039	Carry out interactive workplace communication
CPCPCM2041	Work effectively in the plumbing and services sector
CPCPCM2040*	Read plans, calculate quantities and mark out materials
CPCPCM2043	Carry out WHS requirements
CPCPCM2047*	Carry out levelling
CPCPCM2049*	Cut using oxy-LPG-acetylene equipment
CPCPCM2052*	Weld using oxy-acetylene equipment

CPCPCM2053*	Weld using metal arc welding equipment
CPCPCM3023*	Fabricate and install non-ferrous pressure piping
CPCPFS2021*	Connect static storage tanks for fixed fire protection systems
CPCPFS3030	Design fire sprinkler systems using pre-calculated charts and tables
CPCPFS3031*	Fabricate and install fire hydrant and hose reel systems
CPCPFS3034*	Install control valve assemblies, actuating devices and local alarms
CPCPFS3036*	Install special hazard systems
CPCPFS3037*	Install residential life safety sprinkler systems
CPCPFS3038*	Test and maintain fire hydrant and hose reel installations
CPCPFS3040	Conduct basic functional testing of water-based fire-suppression systems
CPCPFS3041	Inspect and test fire pumpsets
CPCPFS3042*	Conduct annual routine service of complex water-based fire-suppression systems
CPCPFS3043*	Conduct functional water flow testing
CPCPFS3044*	Install distribution and range pipes
CPCPFS3045*	Fit off sprinkler heads, controls and ancillary equipment
CPCPFS3046*	Test the integrity of water-based fire protection systems using pressure
CPCPFS3047*	Test and maintain automatic fire sprinklers
CPCPFS3048*	Install fixed fire pumpsets
CPCPMS3031*	Fabricate and install steel pressure piping
CPCPWT3028*	Install property service
CPPFES2025A	Inspect, test and maintain gaseous fire-suppression systems
CPPFES2043A	Prevent ozone depleting substance and synthetic greenhouse gas emissions
CPPFES2047A	Inspect and test control and indicating equipment

General Electives

CPCCCM2008*   Erect and dismantle restricted height scaffolding

CPCCCM2012*   Work safely at heights

CPCCCM3001   Operate elevated work platforms

CPCCPB3015*   Install acoustic and thermal environmental protection systems

CPCCRI3001   Operate personnel and materials hoists

CPCCST2005*   Carry out load slinging of off-site materials

CPCCWHS2001   Apply WHS requirements, policies and procedures in the construction industry

CPCPCM2054*   Carry out simple concreting and rendering

CPCPCM3021*   Flash penetrations through roofs and walls

CPCPCM3022*   Weld polymer pipes using fusion method

CPCPCM3024   Prepare simple drawings

CPCPCM2048*   Cut and join sheet metal

CPCPFS2022*   Install portable fire equipment

CPCPFS3049*   Conduct preventive maintenance on fixed fire pumpsets

CPCPWT3025*   Install water pumpsets

CPCPWT3029*   Install water pipe systems

CPPCMN2002   Participate in workplace safety arrangements

HLTAID011   Provide First Aid

Qualification Mapping Information

CPC Construction, Plumbing and Services Training Package 5.0	CPC08 Construction, Plumbing and Services Training Package	Comments	E/NE
CPC32820 Certificate III	CPC32813 Certificate III in	Supersedes and is	E

in Fire Protection	Fire Protection	equivalent to CPC32813 Certificate III in Fire Protection. Updated to meet the Standards for Training Packages 2012.	

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

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