

# Gazetted Units of Competency

## Fire Protection

August 2021

V2

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# Overview

## About

For every class of plumbing outlined in The *Victorian Plumbing Regulations 2018*, the VBA publishes a list of prescribed Units of Competency (units) for both registration and licencing purposes.

The document outlines the units published in April 2021 in the Victorian gazette for both registration and licencing in the following class of plumbing:

- Fire Protection

## Unit selection

Units for registration are selected from: CPC32820 Certificate III in Fire Protection

Units for licencing are selected from: CPC40920 Certificate IV in Plumbing and Services

# Registration

## Core units

Unit code	Unit name
CPCPCM2039	Carry out interactive workplace communication
CPCPCM2040	Read plans, calculate quantities and mark out materials
CPCPCM2041	Work effectively in the plumbing and services sector
CPCPCM2043	Carry out WHS requirements
CPCPCM2045	Handle and store plumbing materials
CPCPCM2046	Use plumbing hand and power tools
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

**Electives**

CPCCCM2012	Work safely at heights
CPCCCM3001	Operate elevated work platforms
CPCPCM2048	Cut and join sheet metal
CPCPCM2055	Work safely on Roofs
CPCPCM3024	Prepare simple drawings*
CPCPFS3049	Conduct preventive maintenance on fixed fire pumpsets
CPCPWT3025	Install water pumpsets
CPCPWT3029	Install water pipe systems
HLTAID011	Provide first aid

\*Imported unit

**Summary**

Core units	32
Elective units	9
<b>Total units</b>	<b>41</b>

## Licence

### Common units

Five 'common' licencing units are proposed. These units are also prescribed for other classes of plumbing.

Unit code	Unit name
BSBESB402	Establish legal and risk management requirements of new business ventures
CPCPCM4011	Carry out work-based risk control processes
CPCPCM4012	Estimate and cost work
CPCCBC4012	Read and interpret plans and specifications
CPCPCM4015	Access and interpret regulatory requirements for the plumbing and services industry

### Class specific units

Unit code	Unit name
CPCPFS4024	Design residential fire sprinkler systems
CPCPFS4021	Commission domestic and residential fire suppression sprinkler systems

### Summary

Common units	5
Class specific units	2
<b>Total units</b>	<b>8</b>

## Document modification history

Version	Released	Notes
1	May 2021	First version
2	Aug 2021	Error in index correct Document modification history added