

Gazetted Units of Competency

Victorian Plumbing Regulations 2018

Main class: Fire Protection

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About

The *Victorian Plumbing Regulations 2018* will come into effect on 18 November 2018, replacing the previous Regulations (*Victorian Plumbing Regulations 2008*).

The Regulations outline the Victorian classes of plumbing for registration and licensing purposes.

For every class of plumbing, there is a list of prescribed, nationally accredited Units of Competency (units).

The combination of prescribed units outlines the required skills and knowledge that plumbers are expected to hold for each class.

Once these units are published in the Victorian Gazette, they are known as 'Gazetted Units of Competency'.

This document outlines the gazetted Units of Competency to meet the needs of the *Victorian Plumbing Regulations 2018* for the following main class of plumbing:

- Fire Protection work

All the gazetted units for this class are from the *CPC08 Construction, Plumbing and Services Training Package* as published on www.training.gov.au.

Gazetted units for other classes of plumbing are listed in separate documents on the VBA website.

Summary

The tables below outline the number of gazetted units prescribed for both registration and licensing purposes.

It should be noted that there are some units that are applicable across multiple classes in both registration and licensing. These are known as 'common units':

1. For registration in all main classes (except *Type B Gasfitting work*¹ and *Refrigerated Air-Conditioning work*) there are 8 common units.
2. For licensing in all classes there are 3 common units that apply to all main and specialised classes.

The following table outlines the number of units gazetted for Fire Protection work:

Class	Common units	Class specific units	Total for Class
Registration	8	27	35
Licence	3	2	5

¹ For registration in *Type B Gasfitting Work* only 7 of the 8 common units are applicable

Registration

Common units

A 'common' set of 8 units are required for all but two of the main classes: Refrigerated Air-Conditioning and Type B Gasfitting. For clarity, the common units and Fire Protection class specific units are listed in separate tables:

Unit Code	Unit name
CPCPCM2039A	Carry out interactive workplace communication
CPCPCM2040A	Read plans and calculate plumbing quantities
CPCPCM2041A	Work effectively in the plumbing and services sector
CPCPCM2043A	Carry out WHS requirements
CPCPCM2045A	Handle and store plumbing materials
CPCPCM2046A	Use plumbing hand and power tools
CPCPCM2047A	Carry out levelling
HLTFA211A	Provide basic emergency life support

Class specific units

Unit Code	Unit name
CPCPCM2048A	Cut and join sheet metal
CPCPCM2049A	Cut with Oxy-LPG / Acetylene equipment
CPCPCM2052A	Weld using oxy-acetylene equipment
CPCPCM2053A	Weld using manual metal arc welding equipment
CPCPCM3023A	Fabricate and install non-ferrous pressure piping
CPCPFS2021A	Connect static storage tanks for fixed fire protection systems
CPCPFS3030A	Design pre-calculated fire sprinkler systems
CPCPFS3031A	Fabricate and install fire hydrant and hose reel systems
CPCPFS3034A	Install control valve assemblies, actuating devices and local alarms
CPCPFS3036A	Install special hazard systems
CPCPFS3037A	Install domestic and residential life safety sprinkler systems
CPCPFS3038A	Test and maintain fire hydrant and hose reel installations
CPCPFS3039A	Test and maintain automatic fire sprinklers
CPCPFS3040A	Conduct basic functional testing of water-based fire suppression systems
CPCPFS3041A	Inspect and test fire pumpsets
CPCPFS3042A	Conduct annual functional testing of complex water-based fire suppression systems
CPCPFS3043A	Conduct functional water flow testing
CPCPFS3044A	Install distribution and range pipes
CPCPFS3045A	Fit-off sprinkler heads, controls and ancillary equipment
CPCPFS3046A	Test the integrity of water-based fire protection systems using pressure
CPCPMS3031A	Fabricate and install steel pressure piping
CPCPWT3025A	Install water pumpsets
CPCPWT3028A	Install water 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
CPCPFS3048A	Install fixed fire pumpsets

Summary

Common units	8
Class specific units	27
Total units	35

Common units

A 'common' set of 3 units are required for all main classes.

For clarity, the common units and Fire Protection class specific units are listed in separate tables.

Of the 3 common units, 2 are specific to the construction industry and the 3rd is a general business unit.

Unit Code	Unit name
BSBSMB401A	Establish legal and risk management requirements of small business
CPCPCM4011A	Carry out work based risk control processes
CPCPCM4012A	Estimate and cost work

Class specific

Unit Code	Unit name
CPCPFS4024A	Design residential and domestic fire sprinkler systems
CPCPFS4021A	Commission domestic and residential fire suppression sprinkler systems

Summary

Common units	3
Class specific units	2
Total units	5