

# Gazetted Units of Competency

## Victorian Plumbing Regulations 2018

Main class: Refrigerated Air-Conditioning work

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# Overview

## About

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

Gazetted Units of Competency (units) are prescribed, nationally accredited units that describe skills and knowledge that plumbing practitioners are expected to hold within each plumbing class.

The gazetted units for registration for this class are from Certificate III in Air-conditioning and Refrigeration as published on [www.training.gov.au](http://www.training.gov.au).

The gazetted units for licencing in this class are from the *CPC08 Construction, Plumbing and Services Training Package* as published on [www.training.gov.au](http://www.training.gov.au).

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:

- Refrigerated Air-Conditioning work

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

## Summary

The tables below outline the number of units prescribed for both registration and licencing purposes:

	Core units	Elective units	Total for Class
Registration	25	3	28

Registration	Common	Class specific units	Total for Class
Licence	3	0	3

# Registration

## Core units

Unit Code	Unit name
UENEEC025B	Participate in refrigeration and air conditioning work and competency development activities
UENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace
UENEEE102A	Fabricate, assemble and dismantle utilities industry components
UENEEE103A	Solve problems in ELV single path circuits
UENEEE105A	Fix and secure electrotechnology equipment
UENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications
UENEEE137A	Document and apply measures to control OHS risks associated with electrotechnology work
UENEEJ102A	Prepare and connect refrigerant tubing and fittings
UENEEJ103A	Establish the basic operating conditions of vapour compression systems
UENEEJ104A	Establish the basic operating conditions of air conditioning systems
UENEEJ106A	Install refrigerant pipe work, flow controls and accessories
UENEEJ107A	Install air conditioning and refrigeration systems, major components and associated equipment
UENEEJ108A	Recover, pressure test, evacuate, charge and leak test refrigerants
UENEEJ109A	Verify functionality and compliance of refrigeration and air conditioning installations
UENEEJ110A	Select refrigerant piping, accessories and associated controls
UENEEJ111A	Diagnose and rectify faults in air conditioning and refrigeration systems and components
UENEEJ113A	Commission air conditioning and refrigeration systems
UENEEJ153A	Find and rectify faults in motors and associated controls in refrigeration and air conditioning systems
UENEEJ170A	Diagnose and rectify faults in air conditioning and refrigeration control systems
UENEEJ194A	Solve problems in low voltage refrigeration circuits
UENEEK142A	Apply environmentally and sustainable procedures in the energy sector
UENEEP012A	Disconnect / reconnect composite appliances connected to low voltage installation wiring
UENEEP017A	Locate and rectify faults in low voltage composite appliances using set procedures
UENEEP024A	Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply
UENEEP025A	Attach cords, cables and plugs to electrical equipment for connection to 1000 Va.c. or 1500 Vd.c. supply

## Elective units

All elective units are selected from the Group B electives of the Certificate III in Air-conditioning and Refrigeration as published on [www.training.gov.au](http://www.training.gov.au).

Unit Code	Unit name
UENEEJ174A	Apply safety awareness and legal requirements for hydrocarbon refrigerants
UENEEJ178A	Apply safety awareness and legal requirements for ammonia refrigerant
UENEEJ184A	Apply safety awareness and legal requirements for carbon dioxide refrigerant

## Summary

Core units	25
Elective units	3
<b>Total units</b>	<b>28</b>

## Common units

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

Of the three common units, two are specific to the construction industry and the third is a general business unit.

There are no class specific units gazetted for this class.

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

## Summary

Common units	3
Class specific units	0
<b>Total units</b>	<b>3</b>