

**Victorian Purchasing Guide  
for  
CPC Construction Plumbing and Services  
Training Package**

**Release 3**

**May 2017**



Education  
and Training



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## Victorian Purchasing Guide - Version History

Training Package Version	Date VPG Released	Comments
CPC Construction, Plumbing and Services Training Package <b>Release 3.</b>	18 May 2017	<p>This Victorian Purchasing guide reflects endorsement for the following units from <b>Release 3</b>:</p> <p>Two revised non-equivalent units of competency</p> <ul style="list-style-type: none"> <li>• CPCCPB3014 Install bulk insulation and pliable membrane products</li> <li>• CPCCPB3027 Install ceiling insulation products</li> </ul> <p>Endorsement for the following unit from <b>Release 2.1</b></p> <p>One revised equivalent unit of competency</p> <ul style="list-style-type: none"> <li>• CPCCWHS1001 Prepare to work safely in the construction industry, superseding CPCCOHS1001A Work safely in the construction industry.</li> </ul> <p>Please note qualifications containing these units can be found in the CPC08 Training Package.</p>
CPC Construction, Plumbing and Services Training Package Release 2.	9 November 2016	<p>This Victorian Purchasing guide reflects the changes made to CPC Construction, Plumbing and Services Training Package release 2.</p> <p>Two (2) revised qualifications:</p> <ul style="list-style-type: none"> <li>• CPC30116 Certificate III in Shopfitting</li> <li>• CPC30216 Certificate III in Signs and Graphics</li> </ul> <p>Thirty-seven new/revised units of competency</p>
CPC Construction, Plumbing and Services Training Package Release 1.	1 September 2015	<p>This Victorian Purchasing Guide reflects the CPC Construction, Plumbing and Services Training Package Release 1. The CPC Construction, Plumbing and Services Training Package Release 1 contains:</p> <p>One new Building Surveying qualification: CPC80215 Graduate Diploma of Building Surveying</p> <p>Two revised qualifications: CPC60115 Advanced Diploma of Building Surveying CPC80115 Graduate Certificate in Fire Systems Design Management</p> <p>34 new units of competency.</p>

# **CPC Construction, Plumbing and Services Training Package Victorian Purchasing Guide**

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## **INTRODUCTION**

### **What is a Victorian Purchasing Guide?**

The Victorian Purchasing Guide (VPG) provides information for use by Registered Training Organisations (RTOs) in the provision of Victorian government subsidised training.

Specifically, the VPG provides the following information related to the delivery of nationally endorsed Training Packages in Victoria:

- maximum and minimum payable hours available for each qualification.
- nominal hours for each unit of competency within the Training Package.

They also contain sample training programs which reflect a vocational outcome for the particular qualification it has been developed for.

### **Victorian Government subsidised training**

To deliver government subsidised training in Victoria, an RTO must have an approved VET funding contract with the Department of Education and Training (DET).

The VET funding contract and related guidelines set out the requirements that RTOs must abide by to maintain compliance as contracted providers in receipt of government subsidy. The contract and guidelines set standards of behaviour, as well as prescribing minimum requirements with regard to provider practice in the delivery of training services.

For further information relating to obtaining a VET funding contract, please visit the Skills Victoria Training System (SVTS) website: <http://www.education.vic.gov.au/svts>

## QUALIFICATIONS

<b>Code</b>	<b>Title</b>	<b>Minimum Payable Hours</b>	<b>Maximum Payable Hours</b>
CPC30116	Certificate III in Shopfitting	788	829
CPC30216	Certificate III in Signs and Graphics	790	831
CPC60115	Advanced Diploma of Building Surveying	2271	2390
CPC80115	Graduate Certificate in Fire Systems Design Management	325	340
CPC80215	Graduate Diploma of Building Surveying	1045	1100

## UNITS OF COMPETENCY

Unit Code	Unit Title	Nominal Hours
CPCCBS6001	Research and evaluate construction methods and materials for residential buildings to three storeys	250
CPCCBS6002	Research and evaluate construction methods and materials for commercial buildings to three storeys	250
CPCCBS6003	Apply legal and ethical requirements to building surveying functions	80
CPCCBS6004	Assess and advise on compliance of design documentation for residential buildings to three storeys	120
CPCCBS6005	Assess and advise on compliance of design documentation for commercial buildings to three storeys	90
CPCCBS6006	Process planning applications for residential buildings up to three storeys	200
CPCCBS6007	Process planning applications for commercial buildings up to three storeys	200
CPCCBS6008	Process building applications for residential buildings up to three storeys	100
CPCCBS6009	Process building applications for commercial buildings up to three storeys	120
CPCCBS6010	Conduct and report on building surveying audits of residential buildings up to three storeys	100
CPCCBS6011	Conduct and report on building surveying audits of commercial buildings up to three storeys	300
CPCCBS6012	Conduct and report on initial construction inspections of residential buildings up to three storeys	120
CPCCBS6013	Conduct and report on initial construction inspections of commercial buildings up to three storeys	120
CPCCBS6014	Conduct and report on advanced and final inspections of residential buildings up to three storeys	80
CPCCBS6015	Conduct and report on advanced and final inspections of commercial buildings up to three storeys	80
CPCCBS6016	Assess and advise on performance-based solutions for buildings up to three storeys	90
CPCCBS6017	Monitor and advise on construction and compliance upgrade work on buildings up to three storeys	90
CPCCBS8001	Manage building surveying risks and ensure compliance with ethical and professional standards	120
CPCCBS8002	Manage information on construction methods, materials and services for a building surveying team	80
CPCCBS8003	Manage information on compliance requirements for a building surveying team	80
CPCCBS8004	Advise on compliance of building design documentation	180
CPCCBS8005	Manage planning approval processes for all building types	180
CPCCBS8006	Manage building approval processes for all building types	120

Unit Code	Unit Title	Nominal Hours
CPCCBS8007	Monitor building work and advise on compliance issues	60
CPCCBS8008	Conduct and manage the completion of building inspections and audits	80
CPCCBS8009	Lead a building surveying team	60
CPCCBS8010	Liaise and coordinate with head contractors on building projects	60
CPCCBS8011	Assess and advise on performance-based solutions for all types of buildings	300
CPCCCM2006	Apply basic levelling procedures	8
CPCCCM2010	Work safely on scaffolding higher than two metres	8
CPCCCM3001	Operate elevated work platforms up to 11 metres	32
CPCCCM3003	Work safely around electrical sources, services and assets	40
CPCCCM3004	Identify and apply information in construction plans, drawings and specifications	30
CPCCCM3005	Calculate costs of construction work	20
CPCCCM3006	Carry out levelling operations	24
CPCCJN3001	Process materials to produce components using static machines	56
CPCCLBM3001	Licence to operate a concrete placing boom	170
CPCCLHS3001A	Licence to operate a personnel and materials hoist	32
CPCCLSF2001A	Licence to erect, alter and dismantle scaffolding basic level	40
CPCCPB3014	Install bulk insulation and pliable membrane products	25
CPCCPB3027	Install ceiling insulation products	30
CPCCSG3001	Design and lay out digital signs for production	60
CPCCSG3002	Produce and apply vinyl signs	50
CPCCSG3003	Colour manage signs	20
CPCCSG3004	Print digital signs	60
CPCCSG3005	Engrave signs	40
CPCCSG3006	Apply gilding to signs	40
CPCCSG3007	Paint lines and scrolls	48
CPCCSG3008	Hand draw chalkboards and showcards	36
CPCCSG3009	Screen-print signs	36
CPCCSG3010	Hand render pictorials	36
CPCCSG3011	Install LED technology into signs	50



Unit Code	Unit Title	Nominal Hours
CPCCSG3012	Fabricate signs	65
CPCCSG3013	Paint letters and decorative effects for signs	92
CPCCSG3014	Manufacture gas-charged glass-formed illuminated signs	200
CPCCSG3015	Produce airbrushed signs	20
CPCCSG3016	Prepare surfaces for signs	20
CPCCSG3017	Erect and install signs	30
CPCCSH3001	Fabricate shopfitting components using CNC machines	60
CPCCSH3002	Fabricate and assemble shopfront structures	90
CPCCSH3003	Assemble and install shopfront structures	40
CPCCSH3004	Assemble internal shopfitting units and prepare for transport	80
CPCCSH3005	Apply and trim decorative additions to shopfittings and components	40
CPCCSH3006	Prepare shopfittings and surfaces and apply liquid finishes	40
CPCCSH3007	Install prefabricated internal shopfitting units	35
CPCCSH3008	Install internal shop walls and fixtures	70
CPCCSH3009	Demolish shopfronts and bulkheads	30
CPCCSH3010	Prepare shop floors for new coverings	40
CPCCCWC3004	Install suspended ceilings	40
CPCCWHS1001	Prepare to work safely in the construction industry	6
CPCCWHS3001	Identify construction work hazards and select risk control strategies	30
CPCMCM8001	Plan and manage complex projects	60
CPCMCM8002	Manage the quality of projects and processes	80
CPCSFS8001	Define scope of and initiate special hazard fire systems design projects	140
CPCSFS8002	Analyse, design and evaluate complex special hazard fire systems	80
CPCSFS8003	Develop and submit tenders for fire systems design solutions	60

## SAMPLE TRAINING PROGRAMS

The following pages list a range of Sample Training Programs across the different qualification levels within the **CPC Construction, Plumbing and Services Training Package Release 3** to demonstrate how units might be packaged to meet a particular vocational outcome.

<b>Occupation/ Work Function</b>	Shopfitter	
<b>Qualification Title</b>	Certificate III in Shopfitting	
<b>Qualification Code</b>	CPC30116	
<b>Description</b>	This sample training program is appropriate for a person working in the building and construction industry as a Shopfitter.	
<b>Notes</b>	This qualification provides Shopfitters with the competencies required to construct or renovate high quality retail environments, including preparing walls and floors and fabricating, installing and finishing shopfronts, internal shopfitting units and partitions.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
CPCCCM3004	Identify and apply information in construction plans, drawings and specifications	30
CPCCCM3006	Carry out levelling operations	24
CPCCJN3001	Process materials to produce components using static machines	56
CPCCSH3001	Fabricate shopfitting components using CNC machines	60
CPCCSH3002	Fabricate and assemble shopfront structures	90
CPCCSH3003	Assemble and install shopfront structures	40
CPCCSH3004	Assemble internal shopfitting units and prepare for transport	80
CPCCSH3005	Apply and trim decorative additions to shopfittings and components	40
CPCCSH3007	Install prefabricated internal shopfitting units	35
CPCCSH3008	Install internal shop walls and fixtures	70
CPCCWHS3001	Identify construction work hazards and select risk control strategies	30
<b>Elective</b>		
CPCCSH3006	Prepare shopfittings and surfaces and apply liquid finishes	40
CPCCSH3009	Demolish shopfronts and bulkheads	30
CPCCWC3004	Install suspended ceilings	40
MSFFM3009	Produce manual and computer-aided production drawings	60
CPCCCM2010	Work safely on scaffolding higher than two metres	8
CPCCCM2005B	Use construction tools and equipment	96
<b>Total Hours</b>		<b>829</b>

<b>Occupation/ Work Function</b>	Sign Manufacturer	
<b>Qualification Title</b>	Certificate III in Signs and Graphics	
<b>Qualification Code</b>	CPC30216	
<b>Description</b>	This sample training program is appropriate for a person working in the building and construction industry as a Sign Manufacturer.	
<b>Notes</b>	This qualification provides Sign Manufacturers with the competencies required to design and produce signs for a range of purposes.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
CPCCSG3001	Design and lay-out digital signs for production	60
CPCCSG3002	Produce and apply vinyl signs	50
CPCCSG3003	Colour manage signs	20
CPCCSG3004	Print digital signs	60
CPCCSG3011	Install LED technology into signs	50
CPCCSG3012	Fabricate signs	65
CPCCWHS3001	Identify construction work hazards and select risk control strategies	30
<b>Elective</b>		
AURVTP009	Apply vehicle body film wrapping	20
CPCCCM3003	Work safely around electrical sources, services and assets	40
CPCCSG3009	Screen-print signs	36
CPCCSG3014	Manufacture gas-charged glass-formed illuminated signs	200
CPCCSG3015	Produce airbrushed signs	20
CPCCSG3016	Prepare surfaces for signs	20
MEM05050B	Perform routine gas metal arc welding	20
MSFFF2006	Apply surface coatings by spray gun	60
MSFFM3022	Set up, operate and maintain computer numerically controlled (CNC) machining and processing centres	80
<b>Total Hours</b>		<b>831</b>

<b>Occupation/ Work Function</b>	Building Surveyor	
<b>Qualification Title</b>	Advanced Diploma of Building Surveying	
<b>Qualification Code</b>	CPC60115	
<b>Description</b>	This sample training program is appropriate for a person working in the building and construction industry as a Building Surveyor.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
CPCCBS6001	Research and evaluate construction methods and materials for residential buildings to three storeys	250
CPCCBS6002	Research and evaluate construction methods and materials for commercial buildings to three storeys	250
CPCCBS6003	Apply legal and ethical requirements to building surveying functions	80
CPCCBS6004	Assess and advise on compliance of design documentation for residential buildings to three storeys	120
CPCCBS6005	Assess and advise on compliance of design documentation for commercial buildings to three storeys	90
CPCCBS6006	Process planning applications for residential buildings up to three storeys	200
CPCCBS6008	Process building applications for residential buildings up to three storeys	100
CPCCBS6009	Process building applications for commercial buildings up to three storeys	120
CPCCBS6010	Conduct and report on building surveying audits of residential buildings up to three storeys	100
CPCCBS6012	Conduct and report on initial construction inspections of residential buildings up to three storeys	120
CPCCBS6013	Conduct and report on initial construction inspections of commercial buildings up to three storeys	120
CPCCBS6014	Conduct and report on advanced and final inspections of residential buildings up to three storeys	80
CPCCBS6015	Conduct and report on advanced and final inspections of commercial buildings up to three storeys	80
CPCCBS6016	Assess and advise on performance-based solutions for buildings up to three storeys	90
<b>Elective</b>		
CPCCBS6007	Process planning applications for commercial buildings up to three storeys	200
CPCCBS6011	Conduct and report on building surveying audits of commercial buildings up to three storeys	300
CPCCBS6017	Monitor and advise on construction and compliance upgrade work on buildings up to three storeys	90
<b>Total</b>		<b>2390</b>

<b>Occupation/ Work Function</b>	Fire Systems Design Manager	
<b>Qualification Title</b>	Graduate Certificate in Fire Systems Design Management	
<b>Qualification Code</b>	CPC80115	
<b>Description</b>	This sample training program is appropriate for a person working in the Emergency Services industry as a Fire Systems Design Manager.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<i>Elective</i>		
CPCMCM8001	Plan and manage complex projects	60
CPCSFS8001	Define scope of and initiate special hazard fire systems design projects	140
CPCSFS8002	Analyse, design and evaluate complex special hazard fire systems	80
CPCSFS8003	Develop and submit tenders for fire systems design solutions	60
<b>Total</b>		<b>340</b>

<b>Occupation/ Work Function</b>	Senior Building Surveyor	
<b>Qualification Title</b>	Graduate Diploma of Building Surveying	
<b>Qualification Code</b>	CPC80215	
<b>Description</b>	This sample training program is appropriate for a person working in the building and construction industry as a Senior Building Surveyor.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
CPCCBS8001	Manage building surveying risks and ensure compliance with ethical and professional standards	120
CPCCBS8004	Advise on compliance of building design documentation	180
CPCCBS8006	Manage building approval processes for all building types	120
CPCCBS8007	Monitor building work and advise on compliance issues	60
CPCCBS8008	Conduct and manage the completion of building inspections and audits	80
CPCCBS8011	Assess and advise on performance-based solutions for all types of buildings	300
<b>Elective</b>		
CPCCBS8002	Manage information on construction methods, materials and services for a building surveying team	80
CPCCBS8009	Lead a building surveying team	60
<b>Total</b>		<b>1000</b>

## CONTACTS AND LINKS

<b>Curriculum Maintenance Manager (CMM)</b>		
Building Industries (For Building Design sector only)	<p>The CMM Service is provided by Executive Officers, across all industry areas covered by Training Packages.</p> <p>They can assist with questions on payable and nominal hours.</p>	<p>Teresa Signorello</p> <p>Address: PO Box 42, Holmesglen, Victoria Australia 3148</p> <p>Phone: 03 9564 7987</p> <p>Email: teresa.signorello@holmesglen.edu.au</p> <p>Web: <a href="http://www.education.vic.gov.au/training/providers/rto/Pages/courses.aspx">http://www.education.vic.gov.au/training/providers/rto/Pages/courses.aspx</a></p>
<b>Skill Service Organisation</b>		
Artibus Innovation	<p>This SSO is responsible for developing this <b>CPC Construction, Plumbing and Services Training Package</b>, companion volumes and support material and can be contacted for further information.</p>	<p>Address: 373 Elizabeth Street North Hobart TAS 7000</p> <p>Phone: 03 6218 2841</p> <p>Email: <a href="mailto:enquiries@artibus.com.au">enquiries@artibus.com.au</a></p> <p>Web: <a href="http://www.artibus.com.au">http://www.artibus.com.au</a></p>
<b>National Register for VET in Australia</b>		
Training.gov.au (TGA)	<p>TGA is the Australian government's official National Register of information on Training Packages, Accredited Courses, qualifications, units of competency and RTOs.</p>	<p><a href="http://training.gov.au">http://training.gov.au</a></p>
<b>Australian Government</b>		
Department of Education and Training	<p>The Commonwealth Department is responsible for national policies and programmes that help Australians access quality vocational education and training.</p>	<p><a href="https://education.gov.au/">https://education.gov.au/</a></p>
<b>Victorian State Government</b>		
Department of Education and Training (DET)	<p>DET is responsible for funding and the implementation of Vocational Education and Training (VET) in Victoria, including Apprenticeships and Traineeships policy.</p>	<p>(03) 9637 2000</p> <p><a href="http://www.education.vic.gov.au">www.education.vic.gov.au</a></p>
<b>National VET Regulatory Authority</b>		
Australian Skills Quality Authority (ASQA)	<p>ASQA is the national regulator for Australia's VET sector.</p>	<p>Info line: 1300 701 801</p> <p><a href="http://www.asqa.gov.au">www.asqa.gov.au</a></p>

<b>Victorian State VET Regulatory Authority</b>		
Victorian Registration and Qualifications Authority (VRQA)	The VRQA is a statutory authority responsible for the registration and regulation of Victorian RTOs and for the regulation of apprenticeships and traineeships in Victoria.	(03) 9637 2806 <a href="http://www.vrqa.vic.gov.au">www.vrqa.vic.gov.au</a>
<b>Industry Regulatory Bodies applicable to this Training Package</b>		
Victorian Building Authority (VBA)	The VBA regulates building and plumbing practitioners to ensure the achievement of efficient and competitive building and plumbing industries in Victoria.	Goods Shed North 733 Bourke Street Docklands VIC 3008 Phone: 1300 815 127 <a href="http://www.vba.vic.gov.au">www.vba.vic.gov.au</a>
The National Fire Industry Association (NFIA)	The NFIA is an industry association whose aim is to realise the professionalism of the fire protection industry. Its membership base is open to fire sprinkler contractors, fire alarm companies, extinguisher and passive fire companies, suppliers and RTOs.	PO Box 46 Brunswick South VIC 3055 Phone: (03) 9013 5595 Email: <a href="mailto:info@nfia.com.au">info@nfia.com.au</a> <a href="http://www.nfia.com.au">www.nfia.com.au</a>
Fire Protection Association Australia (FPAA)	The Fire Protection Association of Australia is the national peak body for fire safety that provides information, services and education to the fire protection industry and the community.	Building 2, 31-47 Joseph Street Blackburn North, VIC 3130 Phone: (03) 8892 3131 <a href="http://www.fpaa.com.au">www.fpaa.com.au</a>
WorkSafe Victoria	WorkSafe needs to provide written verification before High Risk Work Units can be added to an RTO's scope of registration.	Info line: 1800 136 089 Email: <a href="mailto:info@worksafe.vic.gov.au">info@worksafe.vic.gov.au</a> <a href="http://www.worksafe.vic.gov.au">www.worksafe.vic.gov.au</a>
Building Sector Energy Safe Victoria	The industry Regulatory body can provide advice on licensing, legislative or regulatory requirements which may impact on the delivery of training or the issuance of qualifications in this Training Package	Address: Level 5, Building 2 4 Riverside Quay Southbank VIC 3006 Phone: (03) 9203 9700 Email: <a href="mailto:info@esv.vic.gov.au">info@esv.vic.gov.au</a> Web: <a href="http://www.esv.vic.gov.au">www.esv.vic.gov.au</a>



**GLOSSARY**

<b>Code</b>	Nationally endorsed Training Package qualification code.
<b>Title</b>	Nationally endorsed Training Package qualification title.
<b>Unit Code</b>	Nationally endorsed Training Package unit of competency code.
<b>Unit Title</b>	Nationally endorsed Training Package unit of competency title.
<b>Payable Hours</b>	The maximum number of hours the Victorian Government will subsidise under the Victorian Training Guarantee for the achievement of the minimum realistic vocational outcome of any qualification, as determined by the qualification packaging rules. The maximum payable hours do not cover every possible combination of core and elective units available for a specific qualification.
<b>Nominal Hours</b>	Nominal hours reflect the anticipated time taken to deliver and assess the outcomes of a unit of competency excluding unsupervised delivery or the time taken for repeated practical application of skills. Nominal hours are determined by the Victorian State Training Authority (DET) and are primarily developed for funding purposes in Victoria.