Victorian Purchasing Guide

CPC Construction, Plumbing and Services

Training Package

March 2019

Release 4.0

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# Victorian Purchasing Guide - Version History

| Training Package Release | Date VPG Approved | Comments |
| --- | --- | --- |
| CPC Construction, Plumbing and Services Training Package Release 4. | 15 March  2019 | This Victorian Purchasing Guide reflects the CPC Construction, Plumbing and Services Training Package Release 4. The Construction, Plumbing and Services Training Package Release 4 contains:   * One (1) revised qualification CPC30318 Certificate III in Concreting   Two imported units updated to latest releases in CPC30116 Certificate III in Shopfitting:   * BSBSMB421 supersedes and equivalent to BSBSMB406 * MSFGG3036 supersedes and not equivalent to MSFGG3017 |
| CPC Construction,  Plumbing and Services  Training Package  Release 3. | 18 May  2017 | This Victorian Purchasing guide reflects endorsement for the following units from Release 3:  Two revised non-equivalent units of competency  • CPCCPB3014 Install bulk insulation and pliable membrane products  • CPCCPB3027 Install ceiling insulation products  Endorsement for the following unit from Release 2.1  One revised equivalent unit of competency  • CPCCWHS1001 Prepare to work safely in the construction industry, superseding CPCCOHS1001A Work safely in the construction industry.  Please note qualifications containing these units can be found in the CPC08 Training Package. |
| CPC Construction, Plumbing and Services Training Package Release 2. | 9 November 2016 | This Victorian Purchasing guide reflects the changes made to CPC Construction, Plumbing and Services Training Package release 2.  Two (2) revised qualifications:  • CPC30116 Certificate III in Shopfitting  • CPC30216 Certificate III in Signs and Graphics  Thirty-seven new/revised units of competency |
| CPC Construction,  Plumbing and Services  Training Package  Release 1. | 1 September 2015 | 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:  One new Building Surveying qualifica0118tion:   * CPC80215 Graduate Diploma of Building Surveying   Two revised qualifications:   * CPC60115 Advanced Diploma of Building Surveying CPC80115 Graduate Certificate in Fire Systems Design Management   34 new units of competency. |

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# INTRODUCTION

## What is a 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 payable hours available for each qualification
* nominal hours for each unit of competency within the Training Package

## Registration

RTOs must be registered by either the Victorian Registration and Qualifications Authority (VRQA) or the Australian Skills Qualification Authority (ASQA) regulatory body to be eligible to issue qualifications and statements of attainment under the Australian Qualifications Framework (AQF).

The VRQA is the regulatory authority in Victoria responsible for the registration of education and training providers in VET who provide courses to domestic students only and who offer training in Victoria only or Victoria and Western Australia only.

To register to provide training to international students and in other Australian states and territories you will need to apply with ASQA.

# QUALIFICATIONS

| Code | Title | Minimum Payable Hours | Maximum Payable Hours |
| --- | --- | --- | --- |
| CPC30116 | Certificate III in Shop-fitting | 788 | 829 |
| CPC30216 | Certificate III in Signs and Graphics | 790 | 831 |
| CPC30318 | Certificate III in Concreting | 1144 | 1204 |
| CPC60115 | Advanced Diploma of Building Surveying | 2271 | 2390 |
| CPC80115 | Graduate Certificate in Fire Systems Design Management | 325 | 340 |

# 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 |
| 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 |
| CPCCCA2003 | Erect and dismantle formwork for footings and slabs on ground | 24 |
| CPCCCA3001 | Carry out general demolition of minor building structures | 32 |
| CPCCCM1012 | Work effectively and sustainably in the construction industry | 20 |
| CPCCCM1013 | Plan and organise work | 20 |
| CPCCCM1014 | Conduct workplace communication | 20 |
| CPCCCM1015 | Carry out measurements and calculations | 20 |
| CPCCCM1016 | Identify requirements for safe tilt-up work | 8 |
| CPCCCM2001 | Read and interpret plans and specifications | 36 |
| CPCCCM2006 | Apply basic levelling procedures | 8 |
| CPCCCM2007 | Use explosive power tools | 16 |
| CPCCCM2008 | Erect and dismantle restricted height scaffolding | 40 |
| 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 |
| CPCCCO2021 | Handle concreting materials | 24 |
| CPCCCO2022 | Select, check and maintain concreting plant, tools and equipment | 80 |
| CPCCCO3035 | Assess and specify concrete supply requirements | 56 |
| CPCCCO3036 | Plan concrete work and brief team | 40 |
| CPCCCO3041 | Place concrete | 188 |
| CPCCCO3042 | Finish concrete | 180 |
| CPCCCO3043 | Cure concrete | 16 |
| CPCCCO3044 | Apply decorative finishes to concrete | 40 |
| CPCCCO3046 | Repair and rectify concrete | 36 |
| CPCCCO3047 | Cut and core concrete | 16 |
| CPCCCO3048 | Construct tilt panels on site | 44 |
| CPCCCO3049 | Apply and finish sprayed concrete | 16 |
| CPCCCO3050 | Carry out high performance concreting | 16 |
| CPCCCO3051 | Conduct off-form vertical concrete operations | 32 |
| CPCCCO3052 | Conduct concrete boom delivery operations | 160 |
| CPCCCO3053 | Slump test concrete | 40 |
| CPCCCO3054 | Operate concrete agitator trucks | 40 |
| CPCCCO3055 | Install topping slabs | 20 |
| 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 |
| CPCCSF2003 | Cut and bend materials using oxy-LPG equipment | 20 |
| CPCCSF2004 | Place and fix reinforcement materials | 80 |
| CPCCSF3001 | Apply reinforcement schedule | 16 |
| 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 |
| 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 |
| CPCCWC3004 | Install suspended ceilings | 40 |
| CPCCWHS1001 | Prepare to work safely in the construction industry | 6 |
| CPCCWHS2001 | Apply WHS requirements, policies and procedures in the construction industry | 20 |
| 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 |

# CONTACTS AND LINKS

|  |  |  |
| --- | --- | --- |
| Curriculum Maintenance Manager (CMM) | | |
| Construction, Plumbing and Services | The CMM Service is provided by Executive Officers, across all industry areas covered by Training Packages.  They can assist with questions on payable and nominal hours. | Teresa Signorello  Address: PO Box 42, Holmesglen, Victoria Australia 3148  Phone: 03 9564 1987  Email: [teresa.signorello@holmesglen.edu.au](mailto:teresa.signorello@holmesglen.edu.au)  Website for the Victorian State Government Education and Training website can be found [here](http://www.education.vic.gov.au/training/providers/rto/Pages/courses.aspx). |
| Service Skills Organisations ( SSO) | | |
| Artibus Innovation | This SSO is responsible for developing this CPC Construction, Plumbing and Services Training Package, companion volumes and support material and can be contacted for further information. | Address: Level 1, 373 Elizabeth Street, North Hobart, TAS 7000 Australia  Phone: 03 6218 2841  Artibus Innovation’s website can be found [here](http://www.artibus.com.au/). |
| National Register for VET in Australia | | |
| Training.gov.au (TGA) | TGA is the Australian governments’ official National Register of information on Training Packages, Accredited Courses, qualifications, units of competency and RTOs. | National Register website can be found [here](http://training.gov.au/). |
| Australian Government | | |
| Department of Education and Training | The Commonwealth Department is responsible for national policies and programmes that help Australians access quality vocational education and training. | The Commonwealth Department of Education and Training website can be found [here](https://education.gov.au/). |
| Victorian State Government | | |
| Department of Education and Training (DET) | DET is responsible for funding and the implementation of Vocational Education and Training (VET) in Victoria, including Apprenticeships and Traineeships policy. | (03) 9637 2000  The Victorian Department of Education and Training website can be found [here](http://www.education.vic.gov.au/). |
| National VET Regulatory Authority | | |
| Australian Skills Quality Authority (ASQA) | ASQA is the national regulator for Australia’s VET sector. | Info line: 1300 701 801  ASQA’s website can be found [here](http://www.asqa.gov.au/). |
| Victorian State VET Regulatory Authority | | |
| 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  VRQA’s website can be found [here](http://www.vrqa.vic.gov.au/). |

# GLOSSARY

|  |  |
| --- | --- |
| Code | Nationally endorsed Training Package qualification code. |
| Title | Nationally endorsed Training Package qualification title. |
| Unit Code | Nationally endorsed Training Package unit of competency code. |
| Unit Title | Nationally endorsed Training Package unit of competency title. |
| Maximum Payable Hours | 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 the 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. |
| Nominal Hours | 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. Enquiries regarding nominal hours should be sent to this [email](mailto:course.enquiry@edumail.vic.gov.au) |