**Victorian Purchasing Guide**

**for**

**CPC08 Construction, Plumbing and Services   
Training Package**

**Version No 8**

**March 2013**

88x31

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Victorian Purchasing Guide ⎯ Version History

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| Training Package Version | Date VPG Approved | Comments |
| CPC08 V8 | 29 April 2013 | This Victorian Purchasing Guide reflects the changes made to CPC08 Construction and Property Services Training Package Version 8, which includes the following changes:   1. Addition of two new qualifications:   CPC31712 Certificate III in Post-Tensioning  CPC32912 Certificate III in Construction Crane Operations.   1. Deletion of four qualifications:   CPC20311 Certificate II in Steelfixing  CPC20411 Certificate II in Concreting  CPC20511 Certificate II in Stoneworking  CPC31711 Certificate III in Low Rise Structural Framing.   1. Replacement of one or more core units in the following 16 CPC08 qualifications, resulting in an upgrade to year code and non-equivalent status:   CPC20112 Certificate II in Construction  CPC20712 Certificate II in Drainage  CPC20812 Certificate II in Metal Roofing and Cladding  CPC20912 Certificate II in Urban Irrigation  CPC30812 Certificate III in Roof Tiling  CPC31812 Certificate III in Shopfitting  CPC31912 Certificate III in Joinery  CPC32412 Certificate III in Plumbing  CPC32512 Certificate III in Plumbing (Mechanical Services)  CPC32612 Certificate III in Roof Plumbing  CPC32712 Certificate III in Gas Fitting  CPC32812 Certificate III in Fire Protection  CPC40912 Certificate IV in Plumbing and Services  CPC50412 Diploma of Plumbing and Services  CPC50612 Diploma of Hydraulic Services Design  CPC60212 Advanced Diploma of Building and Construction (Management)  Review of currency of native and imported units in CPC08 qualifications, resulting in upgrade of all but one of the remaining qualifications but no change to year code given equivalent status. |

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| Training Package Version | Date VPG Approved | Comments |
|  |  | 1. Addition of four new units of competency:   CPCCSI3015A Produce airbrushed signage  CPCCSI3016A Produce digital signage using advanced software applications  CPCPGS3047A Install LPG systems in marine craft  CPCPWT3030A Install home fire sprinkler systems.   1. Replacement of three construction units with the following non-equivalent units:   CPCCBC6018A Manage processes for complying with legal obligations of a building or construction contractor  CPCCCM1016A Identify requirements for safe  tilt-up work  CPCCSH3006A Apply finishes.   1. Revision of existing plumbing and services units of competency (CPCP) to reflect industry requirements and sustainability changes resulting in the replacement of 132 plumbing and services units with the revised non-equivalent units.   Refer to the Modification History and Qualification and Unit of Competency Mapping in CPC08 Version 8 for more details. |
|  |  | This guide supersedes the Victorian Purchasing Guide for CPC08 Version 7 published in May 2012 |

**CPC08 Construction, Plumbing and Services Training Package   
Victorian Purchasing Guide**

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INTRODUCTION

What is a Victorian Purchasing Guide?

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

Specifically the Victorian Purchasing Guide provides the following information related to the delivery of nationally endorsed Training Packages in Victoria:

* The nominal hour range (minimum-maximum) available for each qualification.
* Nominal hours for each unit of competency within the Training Package.
* Sample training programs.

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 Quality Framework (AQF).

The VRQA is the regulatory authority for Victoria that registers VET training organisations who provide courses to domestic students only and who only offer training in Victoria.

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** | | **Qualification Nominal Hour Range** | | |
| **Minimum** | | **Maximum** |
| CPC10111 | Certificate I in Construction | 290 | | 330 | |
| CPC20112 | Certificate II in Construction | 356 | | 492 | |
| CPC20211 | Certificate II in Construction Pathways | 200 | | 616 | |
| CPC20712 | Certificate II in Drainage | 301 | | 337 | |
| CPC20812 | Certificate II in Metal Roofing and Cladding | 361 | | 490 | |
| CPC20912 | Certificate II in Urban Irrigation | 298 | | 334 | |
| CPC30111 | Certificate III in Bricklaying/Blocklaying | 834 | | 1084 | |
| CPC30211 | Certificate III in Carpentry | 836 | | 1170 | |
| CPC30311 | Certificate III in Concreting | 720 | | 1120 | |
| CPC30411 | Certificate III in Demolition | 410 | | 892 | |
| CPC30511 | Certificate III in Dogging | 324 | | 508 | |
| CPC30611 | Certificate III in Painting and Decorating | 1000 | | 1142 | |
| CPC30711 | Certificate III in Rigging | 524 | | 688 | |
| CPC30812 | Certificate III in Roof Tiling | 462 | | 594 | |
| CPC30911 | Certificate III in Scaffolding | 288 | | 476 | |
| CPC31011 | Certificate III in Solid Plastering | 682 | | 936 | |
| CPC31111 | Certificate III in Steelfixing | 490 | | 654 | |
| CPC31211 | Certificate III in Wall and Ceiling Lining | 624 | | 1060 | |
| CPC31311 | Certificate III in Wall and Floor Tiling | 840 | | 982 | |
| CPC31411 | Certificate III in Construction Waterproofing | 684 | | 814 | |
| CPC31511 | Certificate III in Formwork/Falsework | 664 | | 872 | |
| CPC31611 | Certificate III in Paving | 522 | | 728 | |
| CPC31712 | Certificate III in Post-Tensioning | 542 | | 702 | |
| CPC31812 | Certificate III in Shopfitting | 907 | | 1265 | |
| CPC31912 | Certificate III in Joinery | 871 | | 1212 | |
| CPC32011 | Certificate III in Carpentry and Joinery | 1074 | | 1310 | |
| CPC32111 | Certificate III in Signage | 534 | | 988 | |
| CPC32211 | Certificate III in Joinery (Stairs) | 775 | | 1084 | |
| CPC32311 | Certificate III in Stonemasonry (Monumental/Installation) | 687 | | 897 | |
| CPC32412 | Certificate III in Plumbing | 832 | | 2036 | |
| CPC32512 | Certificate III in Plumbing (Mechanical Services) | 851 | | 1815 | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Code** | **Title** | | **Qualification Nominal Hour Range** | | |
| **Minimum** | | **Maximum** |
| CPC32612 | Certificate III in Roof Plumbing | 432 | | 487 | |
| CPC32712 | Certificate III in Gas Fitting | 429 | | 585 | |
| CPC32812 | Certificate III in Fire Protection | 1069 | | 1263 | |
| CPC32912 | Certificate III in Construction Crane Operations | 732 | | 958 | |
| CPC40110 | Certificate IV in Building and Construction (Building) | 754 | | 900 | |
| CPC40208 | Certificate IV in Building and Construction (Contract Administration) | 350 | | 540 | |
| CPC40308 | Certificate IV in Building and Construction (Estimating) | 584 | | 790 | |
| CPC40408 | Certificate IV in Building and Construction (Sales) | 330 | | 540 | |
| CPC40508 | Certificate IV in Building and Construction (Site Management) | 624 | | 830 | |
| CPC40611 | Certificate IV in Building and Construction (Specialist Trades) | 424 | | 914 | |
| CPC40708 | Certificate IV in Building and Construction (Trade Contracting) | 489 | | 835 | |
| CPC40808 | Certificate IV in Swimming Pool and Spa Building | 675 | | 729 | |
| CPC40912 | Certificate IV in Plumbing and Services | 471 | | 1124 | |
| CPC50108 | Diploma of Building Surveying | 1231 | | 1231 | |
| CPC50210 | Diploma of Building and Construction (Building) | 1506 | | 2090 | |
| CPC50308 | Diploma of Building and Construction (Management) | 545 | | 1570 | |
| CPC50412 | Diploma of Plumbing and Services | 465 | | 2104 | |
| CPC50509 | Diploma of Fire Systems Design | 506 | | 1120 | |
| CPC50612 | Diploma of Hydraulic Services Design | 1905 | | 2450 | |
| CPC60108 | Advanced Diploma of Building Surveying | 2265 | | 2265 | |
| CPC60212 | Advanced Diploma of Building and Construction (Management) | 510 | | 1000 | |
| CPC70109 | Vocational Graduate Certificate in Fire Systems Design Management | 280 | | 360 | |

UNITS OF COMPETENCY AND NOMINAL HOURS

RTOs are advised that there is a mapping table inside each Training Package that describes the relationship between new units and superseded or replaced units from the previous version of **CPC08 Construction, Plumbing and Services Training Package.**  Information regarding transition arrangements can be obtained from the state or national VET Regulating Authority (see Contacts and Links section).

You must be sure that all training and assessment leading to qualifications or Statements of Attainment from the **CPC08 Construction, Plumbing and Services Training Package** is conducted against the Training Package units of competency and complies with the requirements in the assessment guidelines.

Listing of the Units of Competency and Nominal Hours

| Unit Code | Unit Title | Nominal Hours |
| --- | --- | --- |
| CPCCBC4001A | Apply building codes and standards to the construction process for low rise building projects | 40 |
| CPCCBC4002A | Manage occupational health and safety in the building and construction workplace | 40 |
| CPCCBC4003A | Select and prepare a construction contract | 40 |
| CPCCBC4004A | Identify and produce estimated costs for building and construction projects | 60 |
| CPCCBC4005A | Produce labour and material schedules for ordering | 40 |
| CPCCBC4006B | Select, procure and store construction materials for low rise projects | 40 |
| CPCCBC4007A | Plan building or construction work | 40 |
| CPCCBC4008B | Conduct on-site supervision of building and construction projects | 40 |
| CPCCBC4009B | Apply legal requirements to building and construction projects | 50 |
| CPCCBC4010B | Apply structural principles to residential low rise constructions | 160 |
| CPCCBC4011B | Apply structural principles to commercial low rise constructions | 80 |
| CPCCBC4012B | Read and interpret plans and specifications | 30 |
| CPCCBC4013A | Prepare and evaluate tender documentation | 20 |
| CPCCBC4014A | Prepare simple building sketches and drawings | 40 |
| CPCCBC4015A | Prepare specifications for all construction works | 20 |
| CPCCBC4016A | Administer a construction contract | 20 |
| CPCCBC4017A | Arrange resources and prepare for the building or construction project | 20 |
| CPCCBC4018A | Apply site surveys and set-out procedures to building and construction projects | 40 |
| CPCCBC4019A | Apply sustainable building design principles to water management systems | 40 |
| CPCCBC4020A | Build thermally efficient and sustainable structures | 40 |
| CPCCBC4021A | Minimise waste on the building and construction site | 20 |
| CPCCBC4022A | Supervise tilt-up work | 40 |

| Unit Code | Unit Title | Nominal Hours | |
| --- | --- | --- | --- |
| CPCCBC4024A | Resolve business disputes | 20 |
| CPCCBC4025A | Manage personal work priorities and professional development | 20 |
| CPCCBC4026A | Arrange building applications and approvals | 20 |
| CPCCBC4027B | Establish a basis for sales consulting | 20 |
| CPCCBC4028A | Prepare design brief for construction works | 20 |
| CPCCBC4029B | Apply construction information to the sales process | 20 |
| CPCCBC4030A | Analyse and communicate industry information | 20 |
| CPCCBC4031A | Process client requirements | 20 |
| CPCCBC4032A | Apply contract law to sales processes | 20 |
| CPCCBC4033A | Maintain the sales environment | 20 |
| CPCCBC4034A | Apply codes and standards to building trade and services contracting | 40 |
| CPCCBC4035A | Initiate the heritage works process | 20 |
| CPCCBC4036A | Prepare to undertake the heritage restoration process | 40 |
| CPCCBC4037A | Prepare drawings for heritage works | 40 |
| CPCCBC4038A | Prepare work plans for restoration work | 20 |
| CPCCBC4039A | Undertake the heritage restoration process | 40 |
| CPCCBC4040A | Prepare report for heritage restoration work | 20 |
| CPCCBC4041A | Undertake preparations for refractory work | 14 |
| CPCCBC4042A | Construct a fire brick wall and arch using refractory materials | 30 |
| CPCCBC4043A | Operate a self-erecting tower crane | 40 |
| CPCCBC4044A | Operate a tower crane | 64 |
| CPCCBC4045A | Perform advanced rigging | 100 |
| CPCCBC4046A | Erect and dismantle advanced scaffolding | 40 |
| CPCCBC4047A | Quality assure fire-rated lining systems | 40 |
| CPCCBC4048A | Apply building codes and standards to the construction process for swimming pools and spas | 40 |
| CPCCBC4049A | Apply structural principles to construction of swimming pools and spas | 30 |
| CPCCBC4050A | Select, procure and store construction materials for swimming pools and spa projects | 24 |
| CPCCBC4051A | Supervise asbestos removal | 8 |
| CPCCBC5001B | Apply building codes and standards to the construction process for medium rise building projects | 200 |
| CPCCBC5002A | Monitor costing systems on medium rise building and construction projects | 60 |

| Unit Code | Unit Title | Nominal Hours | |
| --- | --- | --- | --- |
| CPCCBC5003A | Supervise the planning of on-site medium rise building or construction work | 200 |
| CPCCBC5004A | Supervise and apply quality standards to the selection of building and construction materials | 60 |
| CPCCBC5005A | Select and manage building and construction contractors | 40 |
| CPCCBC5006B | Apply site surveys and set-out procedures to medium rise building projects | 110 |
| CPCCBC5007B | Administer the legal obligations of a building or construction contractor | 100 |
| CPCCBC5009A | Identify services layout and connection methods to medium rise construction projects | 140 |
| CPCCBC5010B | Manage construction work | 150 |
| CPCCBC5011A | Manage environmental management practices and processes in building and construction | 150 |
| CPCCBC5012A | Manage the application and monitoring of energy conservation and management practices and processes | 150 |
| CPCCBC5013A | Develop professional technical and legal reports on building and construction projects | 40 |
| CPCCBC5014A | Conduct asbestos assessment associated with removal | 40 |
| CPCCBC5018A | Apply structural principles to the construction of medium rise buildings | 300 |
| CPCCBC6001B | Apply building codes and standards to the construction process for large building projects | 100 |
| CPCCBC6002A | Generate and direct the development of new projects | 200 |
| CPCCBC6003A | Establish, maintain and review contract administration procedures and frameworks | 60 |
| CPCCBC6005A | Manage tender developments for major projects | 50 |
| CPCCBC6006A | Manage the procurement and acquisition of resources for building or construction projects | 50 |
| CPCCBC6007A | Develop, plan and implement appropriate building or construction environmental management practices and processes | 50 |
| CPCCBC6008A | Develop and implement an appropriate estimating and tendering system | 60 |
| CPCCBC6009A | Develop, plan and implement an appropriate building or construction planning process | 50 |
| CPCCBC6010A | Plan, develop and implement building or construction energy conservation and management practices and processes | 200 |
| CPCCBC6011A | Establish systems to develop and monitor building and construction costs | 80 |
| CPCCBC6012A | Manage and administer development of documentation for building or construction projects | 40 |

| Unit Code | Unit Title | Nominal Hours | |
| --- | --- | --- | --- |
| CPCCBC6013A | Evaluate materials for multi-storey buildings | 60 |
| CPCCBC6014A | Apply structural principles to the construction of large, high rise and complex buildings | 100 |
| CPCCBC6015A | Apply building surveying procedures | 50 |
| CPCCBC6016A | Assess construction faults in large building projects | 50 |
| CPCCBC6017A | Evaluate services layout and connection methods for the planning of large building projects | 100 |
| CPCCBC6018A | Manage processes for complying with legal obligations of a building or construction contractor | 60 |
| CPCCBL2001A | Handle and prepare bricklaying and blocklaying materials | 16 |
| CPCCBL2002A | Use bricklaying and blocklaying tools and equipment | 30 |
| CPCCBL3001A | Lay paving | 24 |
| CPCCBL3002A | Carry out masonry veneer construction | 60 |
| CPCCBL3003A | Carry out cavity brick construction | 60 |
| CPCCBL3004A | Construct masonry steps and stairs | 32 |
| CPCCBL3005A | Lay masonry walls and corners | 76 |
| CPCCBL3006A | Lay multi-thickness walls and piers | 60 |
| CPCCBL3007A | Install glass blockwork | 8 |
| CPCCBL3009A | Install flashings and damp proof course | 8 |
| CPCCBL3010A | Construct masonry arches | 100 |
| CPCCBL3011A | Construct curved walls | 32 |
| CPCCBL3012A | Construct fireplaces and chimneys | 48 |
| CPCCBL3013A | Construct masonry structural systems | 40 |
| CPCCBL3014A | Install fire-rated masonry construction | 32 |
| CPCCBL3015A | Construct decorative brickwork | 70 |
| CPCCBL3016A | Construct battered masonry walls and piers | 32 |
| CPCCBL3017A | Carry out tuck pointing to brickwork | 12 |
| CPCCBL3018A | Install aerated autoclaved concrete products | 40 |
| CPCCCA2002B | Use carpentry tools and equipment | 96 |
| CPCCCA2003A | Erect and dismantle formwork for footings and slabs on ground | 24 |
| CPCCCA2011A | Handle carpentry materials | 16 |
| CPCCCA3001A | Carry out general demolition of minor building structures | 32 |
| CPCCCA3002A | Carry out setting out | 24 |
| CPCCCA3003A | Install flooring systems | 40 |

| Unit Code | Unit Title | Nominal Hours | |
| --- | --- | --- | --- |
| CPCCCA3004A | Construct wall frames | 60 |
| CPCCCA3005B | Construct ceiling frames | 32 |
| CPCCCA3006B | Erect roof trusses | 40 |
| CPCCCA3007C | Construct pitched roofs | 60 |
| CPCCCA3008B | Construct eaves | 20 |
| CPCCCA3009B | Construct advanced roofs | 80 |
| CPCCCA3010A | Install and replace windows and doors | 70 |
| CPCCCA3011A | Refurbish timber sashes to window frames | 16 |
| CPCCCA3012A | Frame and fit wet area fixtures | 24 |
| CPCCCA3013A | Install lining, panelling and moulding | 40 |
| CPCCCA3014A | Construct bulkheads | 16 |
| CPCCCA3015A | Assemble partitions | 32 |
| CPCCCA3016A | Construct timber external stairs | 40 |
| CPCCCA3017B | Install exterior cladding | 20 |
| CPCCCA3018A | Construct, erect and dismantle formwork for stairs and ramps | 40 |
| CPCCCA3019A | Erect and dismantle formwork to suspended slabs, columns, beams and walls | 40 |
| CPCCCA3020A | Erect and dismantle jump form formwork | 60 |
| CPCCCA3021A | Erect and dismantle slip form formwork | 60 |
| CPCCCA3022A | Install curtain walling | 40 |
| CPCCCA3023A | Carry out levelling operations | 24 |
| CPCCCM1011A | Undertake basic estimation and costing | 16 |
| CPCCCM1012A | Work effectively and sustainably in the construction industry | 20 |
| CPCCCM1013A | Plan and organise work | 20 |
| CPCCCM1014A | Conduct workplace communication | 20 |
| CPCCCM1015A | Carry out measurements and calculations | 20 |
| CPCCCM1016A | Identify requirements for safe tilt-up work | 8 |
| CPCCCM2001A | Read and interpret plans and specifications | 36 |
| CPCCCM2002A | Carry out excavation | 16 |
| CPCCCM2003B | Calculate and cost construction work | 20 |
| CPCCCM2004A | Handle construction materials | 16 |
| CPCCCM2005B | Use construction tools and equipment | 96 |

| Unit Code | Unit Title | Nominal Hours | |
| --- | --- | --- | --- |
| CPCCCM2006B | Apply basic levelling procedures | 8 |
| CPCCCM2007B | Use explosive power tools | 16 |
| CPCCCM2008B | Erect and dismantle restricted height scaffolding | 40 |
| CPCCCM2009A | Carry out basic demolition | 32 |
| CPCCCM2010B | Work safely at heights | 8 |
| CPCCCM3001C | Operate elevated work platforms | 32 |
| CPCCCM3002A | Operate a truck mounted loading crane | 40 |
| CPCCCM3003A | Work safely around power sources, services and assets | 40 |
| CPCCCO2011A | Handle concreting materials | 24 |
| CPCCCO2012A | Use concreting tools and equipment | 80 |
| CPCCCO2013A | Carry out concreting to simple forms | 20 |
| CPCCCO2014A | Carry out concrete work | 120 |
| CPCCCO3021A | Place concrete | 180 |
| CPCCCO3022A | Finish concrete | 180 |
| CPCCCO3023A | Cure concrete | 16 |
| CPCCCO3024A | Carry out decorative finishes to concrete | 32 |
| CPCCCO3025A | Resurface concrete | 16 |
| CPCCCO3026A | Carry out repair and rectification of concrete | 36 |
| CPCCCO3027A | Cut and core concrete | 16 |
| CPCCCO3028A | Carry out tilt panel construction | 32 |
| CPCCCO3029A | Apply and finish sprayed concrete | 16 |
| CPCCCO3030A | Carry out high performance concreting | 16 |
| CPCCCO3031A | Conduct off-form vertical concrete operations | 32 |
| CPCCCO3032A | Conduct concrete boom delivery operations | 160 |
| CPCCCO3033A | Slump test concrete | 40 |
| CPCCCO3034A | Conduct concrete agitator truck operations | 40 |
| CPCCDE2011A | Use demolition tools and equipment | 40 |
| CPCCDE2012A | Carry out manual general demolition | 40 |
| CPCCDE3011A | Carry out mechanical general demolition | 24 |
| CPCCDE3013A | Operate a crushing plant | 30 |
| CPCCDE3014A | Remove non-friable asbestos | 20 |
| CPCCDE3015A | Remove friable asbestos | 30 |
| CPCCDO2011A | Handle and use dogging tools and equipment | 8 |

| Unit Code | Unit Title | Nominal Hours | |
| --- | --- | --- | --- |
| CPCCDO3011A | Perform dogging | 80 |
| CPCCDO3012A | Perform crane scheduling | 40 |
| CPCCJN2001A | Assemble components | 32 |
| CPCCJN2002A | Prepare for off-site manufacturing process | 32 |
| CPCCJN2003A | Package manufactured products for transport | 10 |
| CPCCJN3001A | Use static machines | 56 |
| CPCCJN3002A | Use computer-controlled machinery | 60 |
| CPCCJN3003A | Manufacture components for door and window frames and doors | 80 |
| CPCCJN3004A | Manufacture joinery components | 40 |
| CPCCJN3005A | Cut and install glass | 16 |
| CPCCJS3002A | Manufacture stair components for straight flighted stairs | 32 |
| CPCCJS3003A | Assemble and install stairs | 24 |
| CPCCJS3004A | Manufacture and install continuous handrailing and special stair components | 56 |
| CPCCJS3005A | Manufacture stair components for curved and geometric stairs | 56 |
| CPCCJS3006A | Construct fabricated stairs | 24 |
| CPCCJS3011A | Design and set out stairs | 24 |
| CPCCLBM3001A | Licence to operate a concrete placing boom | 160 |
| CPCCLDG3001A | Licence to perform dogging | 80 |
| CPCCLHS3001A | Licence to operate a personnel and materials hoist | 32 |
| CPCCLHS3002A | Licence to operate a materials hoist | 24 |
| CPCCLRG3001A | Licence to perform rigging basic level | 196 |
| CPCCLRG3002A | Licence to perform rigging intermediate level | 40 |
| CPCCLRG4001A | Licence to perform rigging advanced level | 40 |
| CPCCLSF2001A | Licence to erect, alter and dismantle scaffolding basic level | 40 |
| CPCCLSF3001A | Licence to erect, alter and dismantle scaffolding intermediate level | 40 |
| CPCCLSF4001A | Licence to erect, alter and dismantle scaffolding advanced level | 40 |
| CPCCLTC4001A | Licence to operate a tower crane | 40 |
| CPCCLTC4002A | Licence to operate a self-erecting tower crane | 80 |
| CPCCOHS1001A | Work safely in the construction industry | 6 |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| CPCCPA3001A | Prepare subgrade, base and bedding course for segmental paving | 16 |

| Unit Code | Unit Title | Nominal Hours | |
| --- | --- | --- | --- |
| CPCCPA3002A | Lay segmental pavers | 40 |
| CPCCPA3003A | Cut segmental pavers | 8 |
| CPCCPA3004A | Finish segmental paving | 8 |
| CPCCPA3005A | Maintain and repair segmental paving | 12 |
| CPCCPB3001A | Fix standard plasterboard wall sheets | 60 |
| CPCCPB3002A | Fix standard plasterboard ceiling sheets | 60 |
| CPCCPB3003A | Fix battens | 20 |
| CPCCPB3004A | Fix wet area sheets | 20 |
| CPCCPB3005A | Fix ceiling sheets to external protected areas | 40 |
| CPCCPB3006A | Fix fibre cement board | 20 |
| CPCCPB3007A | Apply levels of finish standards to planning and inspection of own work | 40 |
| CPCCPB3008A | Mix plastering compounds | 20 |
| CPCCPB3009A | Finish plasterboard joins manually | 60 |
| CPCCPB3010A | Manually sand plaster work | 16 |
| CPCCPB3011A | Finish category 1 and 2 wet areas | 20 |
| CPCCPB3012A | Cut and fix paper-faced cornices | 40 |
| CPCCPB3013A | Plan travel routes | 10 |
| CPCCPB3014A | Install batt insulation products | 16 |
| CPCCPB3015A | Install acoustic and thermal environmental protection systems | 20 |
| CPCCPB3016A | Install and finish columns | 16 |
| CPCCPB3017A | Rectify faults in plaster applications | 20 |
| CPCCPB3018A | Use vacuum and electric sanding equipment to finish plaster work | 60 |
| CPCCPB3019A | Inspect equipment for serviceability | 10 |
| CPCCPB3020A | Match, mitre and install cast ornamental cornices | 60 |
| CPCCPB3021A | Install and fix residential acoustic plaster products | 40 |
| CPCCPB3022A | Use mechanical jointing equipment to finish joints | 60 |
| CPCCPB3023A | Load and unload plaster and plaster-related products | 6 |
| CPCCPB3024A | Use manual handling equipment to manoeuvre plaster products | 10 |
| CPCCPB3025A | Store plasterboard and related products | 10 |
| CPCCPB3026B | Erect and maintain trestle and plank systems | 10 |
| CPCCPB3027A | Install ceiling insulation | 30 |
| CPCCPD2011A | Handle painting and decorating materials | 16 |

| Unit Code | Unit Title | Nominal Hours | |
| --- | --- | --- | --- |
| CPCCPD2012A | Use painting and decorating tools and equipment | 80 |
| CPCCPD2013A | Remove and replace doors and door and window components | 4 |
| CPCCPD3021A | Prepare surfaces for painting | 40 |
| CPCCPD3022A | Apply paint by brush and roller | 100 |
| CPCCPD3023A | Apply texture coat paint finishes by brush, roller and spray | 40 |
| CPCCPD3024A | Apply paint by spray | 80 |
| CPCCPD3025A | Match specified paint colour | 50 |
| CPCCPD3026A | Apply stains and clear timber finishes | 40 |
| CPCCPD3027A | Apply wallpaper | 50 |
| CPCCPD3028A | Apply decorative paint finishes | 114 |
| CPCCPD3029A | Remove graffiti and apply protective coatings | 30 |
| CPCCPD3030B | Apply protective paint coating systems | 30 |
| CPCCPD3031A | Implement safe lead paint and asbestos work practices in the painting industry | 20 |
| CPCCPD3032A | Apply advanced wallpaper techniques | 30 |
| CPCCPD3033A | Apply intumescent coatings | 50 |
| CPCCPD3034A | Apply advanced decorative paint finishes | 40 |
| CPCCRI3001A | Operate personnel and materials hoists | 32 |
| CPCCRI3012A | Perform basic rigging | 40 |
| CPCCRI3013A | Perform intermediate rigging | 40 |
| CPCCRI3014A | Perform advanced structural steel erection | 24 |
| CPCCRI3015A | Perform advanced tilt-up slab erection | 24 |
| CPCCRI3016A | Perform advanced tower crane erection | 16 |
| CPCCRT2001A | Handle roof tiling materials | 16 |
| CPCCRT2002A | Use roof tiling tools and equipment | 16 |
| CPCCRT3001A | Tile regular roofs | 48 |
| CPCCRT3002A | Tile irregular roofs | 84 |
| CPCCRT3003B | Repair and replace valleys, valley irons and flashings | 8 |
| CPCCRT3004B | Repair and renovate tile roofs | 20 |
| CPCCRT3005B | Slate a roof | 48 |
| CPCCRT3006B | Fix shingles to roofs and facades | 24 |
| CPCCSC2001A | Safely handle and use scaffolding tools and equipment | 8 |
| CPCCSC2002A | Erect and dismantle basic scaffolding | 56 |

| Unit Code | Unit Title | Nominal Hours | |
| --- | --- | --- | --- |
| CPCCSC3001A | Erect and dismantle intermediate scaffolding | 56 |
| CPCCSF2001A | Handle steelfixing materials | 24 |
| CPCCSF2002A | Use steelfixing tools and equipment | 80 |
| CPCCSF2003A | Cut and bend materials using oxy-LPG equipment | 20 |
| CPCCSF2004A | Place and fix reinforcement materials | 80 |
| CPCCSF2005A | Arc weld reinforcement steel | 40 |
| CPCCSF2006A | Machine cut reinforcement materials | 20 |
| CPCCSF2007A | Splice and anchor using mechanical methods | 50 |
| CPCCSF3001A | Apply reinforcement schedule | 16 |
| CPCCSF3002A | Carry out monostrand post-tensioning | 40 |
| CPCCSF3003A | Carry out multistrand post-tensioning | 40 |
| CPCCSF3004A | Carry out stressbar post-tensioning | 20 |
| CPCCSH2001A | Prepare surfaces | 32 |
| CPCCSH2002A | Use aluminium sections for fabrication | 40 |
| CPCCSH2003A | Apply and install sealant and sealant devices | 16 |
| CPCCSH3001A | Set out and assemble cabinets, showcases, wall units, counters and workstations | 80 |
| CPCCSH3002A | Set out and fabricate shopfront commercial entries bulkheads and component fittings | 56 |
| CPCCSH3003A | Assemble and install shopfront commercial entries bulkheads and components | 40 |
| CPCCSH3005A | Apply and trim decorative finishes | 40 |
| CPCCSH3006A | Apply finishes | 15 |
| CPCCSI2001A | Use colour for signage | 24 |
| CPCCSI2002A | Lay out and design signage | 40 |
| CPCCSI2003A | Prepare surfaces for signage | 20 |
| CPCCSI2004A | Produce digital signage | 36 |
| CPCCSI2005A | Fabricate signage | 40 |
| CPCCSI2006A | Signwrite to simple forms | 76 |
| CPCCSI2007A | Apply fasteners and fixings | 16 |
| CPCCSI3001A | Produce vinyl signage | 36 |
| CPCCSI3002A | Use rotary router | 20 |
| CPCCSI3003A | Signwrite to decorative forms | 92 |
| CPCCSI3004A | Apply advanced vinyl applications | 40 |

| Unit Code | Unit Title | Nominal Hours | |
| --- | --- | --- | --- |
| CPCCSI3005A | Use engraving systems | 40 |
| CPCCSI3006A | Apply gilding to signage | 40 |
| CPCCSI3007A | Apply lines and scrolls | 48 |
| CPCCSI3008A | Write showcards and chalkboards | 36 |
| CPCCSI3009A | Screen-print signage | 36 |
| CPCCSI3010A | Hand render pictorials | 36 |
| CPCCSI3011A | Use LED technology for signage | 40 |
| CPCCSI3012A | Apply electrical theory for illuminated signage | 8 |
| CPCCSI3013A | Install LED systems | 40 |
| CPCCSI3014A | Manufacture gas-charged glass-formed illuminated signage | 200 |
| CPCCSI3015A | Produce airbrushed signage | 20 |
| CPCCSI3016A | Produce digital signage using advanced software applications | 60 |
| CPCCSP2001A | Handle solid plastering materials | 8 |
| CPCCSP2002A | Use solid plastering tools and equipment | 80 |
| CPCCSP2003A | Prepare surfaces for plastering | 40 |
| CPCCSP3001A | Apply float and render to straight and curved surfaces | 100 |
| CPCCSP3002A | Apply set coats | 40 |
| CPCCSP3003A | Apply trowelled texture coat finishes | 80 |
| CPCCSP3004A | Restore and renovate solid plasterwork | 120 |
| CPCCSP3005A | Install pre-cast decorative mouldings | 120 |
| CPCCSP3006A | Install cast plaster blockwork | 16 |
| CPCCSP3007A | Apply plaster by projection machine | 32 |
| CPCCST2001A | Prepare for stonemasonry construction process | 25 |
| CPCCST2002A | Identify and use stone products | 8 |
| CPCCST2003A | Finish stone | 30 |
| CPCCST2004A | Lay stone | 40 |
| CPCCST2005A | Carry out load slinging of off-site materials | 8 |
| CPCCST3001A | Dress and mould stone | 10 |
| CPCCST3002A | Shape solid stone | 40 |
| CPCCST3003A | Split stone manually | 20 |
| CPCCST3004A | Dress stone manually | 40 |
| CPCCST3005A | Carry out profile work | 60 |

| Unit Code | Unit Title | Nominal Hours | |
| --- | --- | --- | --- |
| CPCCST3006A | Machine stone | 40 |
| CPCCST3007A | Turn stone | 32 |
| CPCCST3008A | Inlay lead to stone | 20 |
| CPCCST3009A | Use computer-controlled static machinery to produce stone components | 32 |
| CPCCST3010A | Set out and cut letters in stone | 32 |
| CPCCST3011A | Plan monument construction | 12 |
| CPCCST3012A | Build stone veneer walls | 32 |
| CPCCST3013A | Carry out cemetery monument fixing | 32 |
| CPCCST3014A | Set and anchor stone facades | 32 |
| CPCCSV5001A | Assess the construction of domestic scale buildings | 100 |
| CPCCSV5002A | Evaluate materials for construction of domestic scale buildings | 72 |
| CPCCSV5003A | Produce working drawings for residential buildings | 90 |
| CPCCSV5004A | Apply legislation to urban development and building controls | 36 |
| CPCCSV5005A | Apply footing and geomechanical design principles to domestic scale buildings | 36 |
| CPCCSV5006A | Assess construction faults in residential buildings | 36 |
| CPCCSV5007A | Undertake site surveys and set-out procedures for building projects | 72 |
| CPCCSV5008A | Apply building control legislation to building surveying | 36 |
| CPCCSV5009A | Assess the impact of fire on building materials | 36 |
| CPCCSV5010A | Interact with clients in a regulated environment | 36 |
| CPCCSV5011A | Apply building codes and standards to residential buildings | 36 |
| CPCCSV5012A | Assess timber-framed designs for one and two storey buildings | 36 |
| CPCCSV5013A | Apply principles of energy efficient design to buildings | 36 |
| CPCCSV5014A | Apply building surveying procedures to residential buildings | 36 |
| CPCCSV5015A | Assess structural requirements for domestic scale buildings | 72 |
| CPCCSV6001A | Assess the construction of buildings up to three storeys | 72 |
| CPCCSV6002A | Produce working drawings for buildings up to three storeys | 40 |
| CPCCSV6003A | Assess construction faults in buildings up to three storeys | 40 |
| CPCCSV6004A | Apply footing and geomechanical design principles to buildings up to three storeys | 40 |
| CPCCSV6005A | Evaluate services layout and connection methods for residential and commercial buildings up to three storeys | 40 |
| CPCCSV6006A | Evaluate the use of concrete for residential and commercial buildings up to three storeys | 40 |

| Unit Code | Unit Title | Nominal Hours | |
| --- | --- | --- | --- |
| CPCCSV6007A | Assess structural requirements for buildings up to three storeys | 40 |
| CPCCSV6008A | Apply building codes and standards to buildings up to three storeys | 72 |
| CPCCSV6009A | Implement performance-based codes and risk management principles for buildings up to three storeys | 72 |
| CPCCSV6010A | Apply fire technology to buildings up to three storeys | 40 |
| CPCCSV6011A | Apply legal procedures to building surveying | 40 |
| CPCCSV6012A | Facilitate community development consultation | 40 |
| CPCCSV6013A | Coordinate building refurbishment | 72 |
| CPCCSV6014A | Manage and plan land use | 40 |
| CPCCSV6015A | Analyse and present building surveying research information | 90 |
| CPCCSV6016A | Apply building surveying procedures to buildings up to three storeys | 90 |
| CPCCVE1002B | Undertake a basic computer design project | 36 |
| CPCCVE1011A | Undertake a basic construction project | 40 |
| CPCCWC2001A | Complete penetrations and flashings | 20 |
| CPCCWC3001A | Install and finish plasterboard and fibre cement sheeting to curved walls and ceilings | 40 |
| CPCCWC3002A | Install and finish plasterboard and fibre cement sheeting to arches | 60 |
| CPCCWC3003A | Install dry wall passive fire-rated systems | 40 |
| CPCCWC3004A | Install suspended ceilings | 40 |
| CPCCWF2001A | Handle wall and floor tiling materials | 32 |
| CPCCWF2002A | Use wall and floor tiling tools and equipment | 96 |
| CPCCWF3001A | Prepare surfaces for tiling application | 40 |
| CPCCWF3002A | Fix floor tiles | 120 |
| CPCCWF3003A | Fix wall tiles | 140 |
| CPCCWF3004A | Repair wall and floor tiles | 40 |
| CPCCWF3005A | Carry out decorative tiling | 40 |
| CPCCWF3006A | Carry out mosaic tiling | 40 |
| CPCCWF3007A | Tile curved surfaces | 80 |
| CPCCWF3008A | Tile domestic pools and spas | 100 |
| CPCCWP2001A | Handle waterproofing materials | 24 |
| CPCCWP2002A | Use waterproofing tools and equipment | 60 |
| CPCCWP2003A | Prepare for construction waterproofing process | 100 |
| CPCCWP2004A | Prepare surfaces for waterproofing application | 100 |

| Unit Code | Unit Title | Nominal Hours | |
| --- | --- | --- | --- |
| CPCCWP3001A | Apply waterproofing process to below ground level wet areas | 50 |
| CPCCWP3002A | Apply waterproofing process to internal wet areas | 50 |
| CPCCWP3003A | Apply waterproofing process to external wet areas | 50 |
| CPCCWP3004A | Apply waterproofing remedial processes | 50 |
| CPCMCM7001A | Plan and manage complex projects | 60 |
| CPCMCM7002A | Manage the quality of projects and processes | 80 |
| CPCPCM2039A | Carry out interactive workplace communication | 10 |
| CPCPCM2040A | Read plans and calculate plumbing quantities | 8 |
| CPCPCM2041A | Work effectively in the plumbing and services sector | 15 |
| CPCPCM2043A | Carry out WHS requirements | 50 |
| CPCPCM2045A | Handle and store plumbing materials | 6 |
| CPCPCM2046A | Use plumbing hand and power tools | 40 |
| CPCPCM2047A | Carry out levelling | 6 |
| CPCPCM2048A | Cut and join sheet metal | 8 |
| CPCPCM2049A | Cut using oxy-LPG-acetylene equipment | 8 |
| CPCPCM2050A | Mark out materials | 20 |
| CPCPCM2052A | Weld using oxy-acetylene equipment | 16 |
| CPCPCM2053A | Weld using manual metal arc welding equipment | 16 |
| CPCPCM2054A | Carry out simple concreting and rendering | 16 |
| CPCPCM2055A | Work safely on roofs | 20 |
| CPCPCM3021A | Flash penetrations through roofs and walls | 18 |
| CPCPCM3022A | Weld polyethylene and polypropylene pipes using fusion method | 8 |
| CPCPCM3023A | Fabricate and install non-ferrous pressure piping | 12 |
| CPCPCM4011A | Carry out work-based risk control processes | 24 |
| CPCPCM4012A | Estimate and cost work | 40 |
| CPCPCM4013A | Produce 2-D architectural drawings using CAD software | 40 |
| CPCPCM4014A | Prepare simple sketches and drawings | 20 |
| CPCPCM5010A | Design complex sanitary plumbing and drainage systems | 70 |
| CPCPCM5011A | Design complex cold water systems | 70 |
| CPCPCM5012A | Design complex stormwater and roof drainage systems | 55 |
| CPCPCM5013A | Design complex (non-solar) heated water systems | 75 |
| CPCPCM5014A | Design sewer infrastructure systems | 90 |

| Unit Code | Unit Title | Nominal Hours | |
| --- | --- | --- | --- |
| CPCPDR2021A | Locate and clear blockages | 8 |
| CPCPDR2022A | Install domestic treatment plants | 20 |
| CPCPDR2023A | Maintain effluent disinfection systems | 4 |
| CPCPDR2024A | Install stormwater and sub-soil drainage systems | 15 |
| CPCPDR2025A | Drain work site | 5 |
| CPCPDR2026A | Install prefabricated inspection openings and enclosures | 4 |
| CPCPDR3021A | Plan layout of a residential sanitary drainage system | 8 |
| CPCPDR3022A | Install below ground sanitary drainage systems | 30 |
| CPCPDR3023A | Install on-site disposal systems | 8 |
| CPCPDR4011B | Design and size sanitary drainage systems | 40 |
| CPCPDR4012B | Design and size stormwater drainage systems | 45 |
| CPCPDR4013B | Design and size domestic treatment plant disposal systems | 35 |
| CPCPFS2021A | Connect static storage tanks for fixed fire protection systems | 60 |
| CPCPFS2022A | Install portable fire equipment | 24 |
| CPCPFS3030A | Design pre-calculated fire sprinkler systems | 60 |
| CPCPFS3031A | Fabricate and install fire hydrant and hose reel systems | 40 |
| CPCPFS3032A | Install distribution and range pipes | 80 |
| CPCPFS3033A | Fit off sprinkler heads, controls and ancillary equipment | 40 |
| CPCPFS3034A | Install control valve assemblies, actuating devices and local alarms | 100 |
| CPCPFS3035A | Test fire protection systems for pressure | 16 |
| CPCPFS3036A | Install special hazard systems | 45 |
| CPCPFS3037A | Install domestic and residential life safety sprinkler systems | 60 |
| CPCPFS3038A | Test and maintain fire hydrant and hose reel installations | 60 |
| CPCPFS3039A | Test and maintain automatic fire sprinklers | 60 |
| CPCPFS3040A | Conduct basic functional testing of water-based fire-suppression systems | 40 |
| CPCPFS3041A | Inspect and test fire pumpsets | 40 |
| CPCPFS3042A | Conduct annual functional testing of complex water-based fire-suppression systems | 60 |
| CPCPFS3043A | Conduct functional water flow testing | 32 |
| CPCPFS4021A | Commission domestic and residential fire suppression sprinkler systems | 16 |
| CPCPFS4022A | Commission and maintain special hazard fire suppression systems | 20 |
| CPCPFS4023A | Commission fire system pumpsets | 16 |

| Unit Code | Unit Title | Nominal Hours | |
| --- | --- | --- | --- |
| CPCPFS4024A | Design residential and domestic fire sprinkler systems | 50 |
| CPCPFS4025A | Commission fire alarm and detection system interface devices | 60 |
| CPCPFS4026A | Commission firefighting appliances | 64 |
| CPCPFS5010A | Design fire-compliant hydraulic services | 340 |
| CPCPFS5011A | Design fire sprinkler systems | 440 |
| CPCPFS5012A | Design fire hydrant and hose reel systems | 384 |
| CPCPGS3046A | Install LPG systems in caravans, mobile homes and mobile workplaces | 12 |
| CPCPGS3047A | Install LPG systems in marine craft | 12 |
| CPCPGS3048A | Install gas pressure control equipment | 8 |
| CPCPGS3049A | Install Type A gas appliance flues | 12 |
| CPCPGS3050A | Install Type B gas appliance flues | 4 |
| CPCPGS3051A | Purge consumer piping | 8 |
| CPCPGS3052A | Maintain Type A gas appliances | 12 |
| CPCPGS3053A | Disconnect and reconnect Type A gas appliances | 16 |
| CPCPGS3054A | Calculate and install natural ventilation for Type A gas appliances | 8 |
| CPCPGS3055A | Install gas sub-meters | 8 |
| CPCPGS3056A | Install gas piping systems | 24 |
| CPCPGS3057A | Size consumer gas piping systems | 8 |
| CPCPGS3058A | Install and commission Type A gas appliances | 22 |
| CPCPGS3059A | Install LPG storage of aggregate storage capacity up to 500 litres | 4 |
| CPCPGS3060A | Install LPG storage of aggregate storage capacity exceeding 500 litres and less than 8KL | 6 |
| CPCPGS4011B | Design and size consumer gas installations | 60 |
| CPCPGS4022A | Service Type A gas appliances | 180 |
| CPCPGS4023A | Install, commission and service Type B gas appliances | 138 |
| CPCPIG2021A | Design domestic urban irrigation systems | 5 |
| CPCPIG3021A | Set out, install and commission irrigation systems | 4 |
| CPCPIG3022A | Install and commission domestic irrigation pumps | 4 |
| CPCPMS2021A | Assemble mechanical services components | 12 |
| CPCPMS3031A | Fabricate and install steel pressure piping | 54 |
| CPCPMS3032A | Select and fit insulation and sheathing | 8 |
| CPCPMS3033A | Install small bore heating systems | 15 |
| CPCPMS3034A | Install medical gas pipeline systems | 24 |

| Unit Code | Unit Title | Nominal Hours | |
| --- | --- | --- | --- |
| CPCPMS3035A | Install and test ducting systems | 12 |
| CPCPMS3036A | Install air handling units | 12 |
| CPCPMS3037A | Install and test split system air conditioning | 15 |
| CPCPMS3038A | Install air conditioning control equipment | 8 |
| CPCPMS3039A | Maintain mechanical services equipment | 8 |
| CPCPMS3040A | Install and maintain evaporative air cooling systems | 20 |
| CPCPMS3041A | Install domestic solid fuel burning appliances | 20 |
| CPCPMS4011B | Design, size and lay out heating and cooling systems | 160 |
| CPCPMS4022A | Commission air and water systems | 132 |
| CPCPMS4023A | Design compressed air systems | 40 |
| CPCPMS5010A | Design steam generation and distribution systems | 50 |
| CPCPMS5011A | Design air conditioning and ventilation systems | 50 |
| CPCPMS5012A | Design sound attenuated hydraulic services | 45 |
| CPCPMS5013A | Design hydronic heating and cooling systems | 90 |
| CPCPPS5000B | Design gas bulk storage systems | 80 |
| CPCPPS5001B | Design industrial gas systems | 300 |
| CPCPPS5002B | Design gas reticulation systems | 160 |
| CPCPPS5009B | Analyse and report on technical plumbing systems | 20 |
| CPCPPS5011B | Coordinate services and penetrations within a building | 40 |
| CPCPPS5014A | Locate and maintain piping systems | 8 |
| CPCPPS5015B | Inspect plumbing and drainage systems | 32 |
| CPCPPS5023A | Design solar water heating systems | 45 |
| CPCPPS5024A | Conduct a water audit and identify water-saving initiatives | 35 |
| CPCPPS5025A | Design grey water re-use systems in sewered areas | 35 |
| CPCPPS5026A | Design rainwater collection, storage, distribution and re-use systems | 35 |
| CPCPPS5027A | Design irrigation systems | 35 |
| CPCPPS5028A | Design trade waste pre-treatment systems | 30 |
| CPCPPS5030A | Design pump systems | 30 |
| CPCPPS5032A | Design siphonic stormwater drainage systems | 30 |
| CPCPPS5033A | Design vacuum sewerage systems | 35 |
| CPCPRF2022A | Select and install roof sheeting and wall cladding | 16 |
| CPCPRF2023A | Collect and store roof water | 10 |
| CPCPRF2024A | Fabricate roof coverings for curved structures | 8 |

| Unit Code | Unit Title | Nominal Hours | |
| --- | --- | --- | --- |
| CPCPRF3021A | Receive roofing materials | 4 |
| CPCPRF3022A | Fabricate and install roof drainage components | 48 |
| CPCPRF3023A | Fabricate and install external flashings | 16 |
| CPCPRF3024A | Install roof components | 10 |
| CPCPRF3025A | Install roof coverings to curved roof structures | 12 |
| CPCPRF3026A | Install composite roof systems | 20 |
| CPCPRF4011B | Design and size roof drainage systems | 60 |
| CPCPSN3011B | Plan layout of a residential sanitary plumbing system | 8 |
| CPCPSN3022A | Install discharge pipes | 28 |
| CPCPSN3023A | Fabricate and install sanitary stacks | 28 |
| CPCPSN3024A | Install and fit off sanitary fixtures | 20 |
| CPCPSN3025A | Install pre-treatment facilities | 8 |
| CPCPSN3026A | Install sewerage pumpsets | 8 |
| CPCPSN4011B | Design and size sanitary plumbing systems | 50 |
| CPCPWT3020A | Connect and install storage tanks to a domestic water supply | 12 |
| CPCPWT3021A | Set out and install water services | 36 |
| CPCPWT3022A | Install and adjust water service controls and devices | 12 |
| CPCPWT3023A | Install and commission water heating systems | 25 |
| CPCPWT3024A | Install and maintain domestic water treatment equipment | 10 |
| CPCPWT3025A | Install water pumpsets | 8 |
| CPCPWT3026A | Fit off and commission heated and cold water services | 16 |
| CPCPWT3027A | Connect irrigation systems from drinking water supply | 6 |
| CPCPWT3028A | Install water services | 10 |
| CPCPWT3029A | Install water pipe systems | 12 |
| CPCPWT3030A | Install home fire sprinkler systems | 50 |
| CPCPWT4011B | Design and size heated and cold water services and systems | 80 |
| CPCPWT4022A | Commission and maintain backflow prevention devices | 20 |
| CPCPWT4023A | Commission and maintain hot and heated water temperature control devices | 20 |
| CPCSFS5001A | Define scope and hazard level of fire systems design projects | 40 |
| CPCSFS5002A | Research and interpret detailed fire systems design project requirements | 40 |
| CPCSFS5003A | Develop plans and methodology for fire systems design projects | 40 |

| Unit Code | Unit Title | Nominal Hours | |
| --- | --- | --- | --- |
| CPCSFS5005A | Research and evaluate fire system technologies and components | 60 |
| CPCSFS5006A | Create detailed designs for fire sprinkler systems | 120 |
| CPCSFS5007A | Create detailed designs for hydrant and hose reel systems | 80 |
| CPCSFS5008A | Create detailed designs for fire detection and warning systems | 120 |
| CPCSFS5009A | Create detailed designs for fire systems’ water supplies | 120 |
| CPCSFS5010A | Provide documentation and support for fabrication of fire sprinkler systems | 60 |
| CPCSFS5011A | Provide design documentation and review and support fire system installation processes | 60 |
| CPCSFS5013A | Support commissioning processes and finalise fire systems design projects | 80 |
| CPCSFS5014A | Conduct annual fire systems certification inspections | 100 |
| CPCSFS5015A | Assess documentation for annual fire systems certification inspections | 60 |
| CPCSFS7001A | Define scope of and initiate special hazard fire systems design projects | 140 |
| CPCSFS7002A | Analyse, design and evaluate complex special hazard fire systems | 80 |
| CPCSFS7003A | Develop and submit tenders for fire systems design solutions | 60 |
| CPCSUS4001A | Implement and monitor environmentally sustainable work practices | 40 |
| CPCSUS5001A | Develop workplace policies and procedures for sustainability | 50 |

SAMPLE TRAINING PROGRAMS

A range of Sample Training Plans have been provided to demonstrate the flexibility of qualifications contained in the **CPC08 Construction, Plumbing and Services Training Package**, but are by no means mandatory.

|  |  |  |
| --- | --- | --- |
| **Occupation/ Work Function** | Plumbing Drainer | |
| **Qualification Title** | Certificate II in Drainage | |
| **Qualification Code** | CPC20712 | |
| **Description** | This sample training program is appropriate for a person working in the plumbing industry as a drainer. | |
| **Notes** | For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package.** | |
| Participants who wish to obtain limited registration in drainage in Victoria should contact the Plumbing Industry Commission for advice on Competencies for Registration – Drainage Work (see Industry Regulation section at rear of guide). This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCPCM2039A | Carry out interactive workplace communication | 10 |
| CPCPCM2040A | Read plans and calculate plumbing quantities | 8 |
| CPCPCM2041A | Work effectively in the plumbing and services sector | 15 |
| CPCPCM2043A | Carry out WHS requirements | 50 |
| CPCPCM2045A | Handle and store plumbing materials | 6 |
| CPCPCM2046A | Use plumbing hand and power tools | 40 |
| CPCPCM2047A | Carry out levelling | 6 |
| CPCPCM2054A | Carry out simple concreting and rendering | 16 |
| CPCPDR2021A | Locate and clear blockages | 8 |
| CPCPDR2022A | Install domestic treatment plants | 20 |
| CPCPDR2024A | Install stormwater and sub-soil drainage systems | 15 |
| CPCPDR2025A | Drain work site | 5 |
| CPCPDR2026A | Install prefabricated inspection openings and enclosures | 4 |
| CPCPDR3021A | Plan layout of a residential sanitary drainage system | 8 |
| CPCPDR3022A | Install below ground sanitary drainage systems | 30 |
| CPCPDR3023A | Install on-site disposal systems | 8 |
| HLTFA211A | Provide basic emergency life support | 8 |
| RIICCM210A | Install trench support | 16 |

|  |  |  |
| --- | --- | --- |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Electives*** | | |
| CPCPDR2023A | Maintain effluent disinfection systems | 4 |
| CPCPCM2048A | Cut and join sheet metal | 8 |
| CPCPCM2049A | Cut using oxy-LPG-acetylene equipment | 8 |
| CPCPCM3022A | Weld polyethylene and polypropylene pipes using fusion method | 8 |
| CPCPSN3025A | Install pre-treatment facilities | 8 |
| CPCPRF2023A | Collect and store roof water | 10 |
| CPCPWT3029A | Install water pipe systems | 12 |
| CPCPCM2052A | Weld using oxy-acetylene equipment | 16 |
| CPCPCM2053A | Weld using manual metal arc welding equipment | 16 |
| CPCPCM2050A | Mark out materials | 20 |
| **Total hours** | | **383** |

|  |  |  |
| --- | --- | --- |
| **Occupation/ Work Function** | Irrigation Technician | |
| **Qualification Title** | Certificate II in Urban Irrigation | |
| **Qualification Code** | CPC20912 | |
| **Description** | This sample training program is appropriate for a person working in the plumbing industry as an urban irrigator restricted to installing and maintaining sprinklers and irrigation systems in domestic and light commercial sites. | |
| **Notes** | For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package.** | |
| Participants who wish to obtain limited registration in urban irrigation in Victoria should contact the Plumbing Industry Commission for advice on Competencies for Registration – Irrigation (non-agricultural) Work (see Industry Regulation section at rear of guide). This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCPCM2039A | Carry out interactive workplace communication | 10 |
| CPCPCM2040A | Read plans and calculate plumbing quantities | 8 |
| CPCPCM2041A | Work effectively in the plumbing and services sector | 15 |
| CPCPCM2043A | Carry out WHS requirements | 50 |
| CPCPCM2045A | Handle and store plumbing materials | 6 |
| CPCPCM2046A | Use plumbing hand and power tools | 40 |
| CPCPCM2050A | Mark out materials | 20 |
| CPCPCM2054A | Carry out simple concreting and rendering | 16 |
| CPCPFS2021A | Connect static storage tanks for fixed fire protection systems | 60 |
| CPCPIG2021A | Design domestic urban irrigation systems | 5 |
| CPCPIG3021A | Set out, install and commission irrigation systems | 4 |
| CPCPIG3022A | Install and commission domestic irrigation pumps | 4 |
| HLTFA211A | Provide basic emergency life support | 8 |
| ***Electives*** | | |
| CPCCST2005A | Carry out load slinging of off-site materials | 8 |
| CPCPCM2047A | Carry out levelling | 6 |
| CPCPCM2048A | Cut and join sheet metal | 8 |
| CPCPCM2049A | Cut using oxy-LPG-acetylene equipment | 8 |
| CPCPCM2052A | Weld using oxy-acetylene equipment | 16 |
| CPCPCM2053A | Weld using manual metal arc welding equipment | 16 |
| CPCPCM3022A | Weld polyethylene and polypropylene pipes using fusion method | 8 |

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| **Unit Code** | **Unit Title** | **Hours** |
| CPCPRF2023A | Collect and store roof water | 10 |
| CPCPWT3025A | Install water pumpsets | 8 |
| CPCPWT3027A | Connect irrigation systems from drinking water supply | 6 |
| CPCPWT3028A | Install water services | 10 |
| CPCPWT3029A | Install water pipe systems | 12 |
| RIICCM210A | Install trench support | 16 |
| **Total hours** | | **378** |

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| **Occupation/ Work Function** | Bricklayer/Blocklayer | |
| **Qualification Title** | Certificate III in Bricklaying/Blocklaying | |
| **Qualification Code** | CPC30111 | |
| **Description** | This is a sample training program appropriate for a person working in the bricklaying/blocklaying sector. | |
| **Notes** | The following training program is a sample only. For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package**.  This sample program is based on CPC08 V6.1 and V7.0 | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCCCA3002A | Carry out setting out | 24 |
| CPCCCM1012A | Work effectively and sustainably in the construction industry | 20 |
| CPCCCM1013A | Plan and organise work | 20 |
| CPCCCM1014A | Conduct workplace communication | 20 |
| CPCCCM1015A | Carry out measurements and calculations | 20 |
| CPCCCM2001A | Read and interpret plans and specifications | 36 |
| CPCCCM2006B | Apply basic levelling procedures | 8 |
| CPCCCM2008B | Erect and dismantle restricted height scaffolding | 40 |
| CPCCCM2009A | Carry out basic demolition | 32 |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| CPCCBL2001A | Handle and prepare bricklaying and blocklaying materials | 16 |
| CPCCBL2002A | Use bricklaying and blocklaying tools and equipment | 30 |
| CPCCBL3002A | Carry out masonry veneer construction | 60 |
| CPCCBL3003A | Carry out cavity brick construction | 60 |
| CPCCBL3004A | Construct masonry steps and stairs | 32 |
| CPCCBL3005A | Lay masonry walls and corners | 76 |
| CPCCBL3006A | Lay multi-thickness walls and piers | 60 |
| CPCCBL3009A | Install flashings and damp proof course | 8 |
| CPCCBL3010A | Construct masonry arches | 100 |
| CPCCBL3011A | Construct curved walls | 32 |
| CPCCBL3014A | Install fire-rated masonry construction | 32 |

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| **Unit Code** | **Unit Title** | **Hours** |
| ***Electives*** | | |
| CPCCBL3001A | Lay paving | 24 |
| CPCCBL3007A | Install glass blockwork | 8 |
| CPCCBL3012A | Construct fireplaces and chimneys | 48 |
| CPCCBL3013A | Construct masonry structural systems | 40 |
| CPCCBL3015A | Construct decorative brickwork | 70 |
| CPCCBL3016A | Construct battered masonry walls and piers | 32 |
| **Total hours** | | **968** |

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| --- | --- | --- |
| **Occupation/ Work Function** | Carpenter | |
| **Qualification Title** | Certificate III in Carpentry | |
| **Qualification Code** | CPC30211 | |
| **Description** | This is a sample training program appropriate for a person working in residential and commercial applications as a general carpenter. | |
| **Notes** | The following training program is a sample only. For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package**. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCCCA2002B | Use carpentry tools and equipment | 96 |
| CPCCCA2011A | Handle carpentry materials | 16 |
| CPCCCA3001A | Carry out general demolition of minor building structures | 32 |
| CPCCCA3002A | Carry out setting out | 24 |
| CPCCCA3003A | Install flooring systems | 40 |
| CPCCCA3004A | Construct wall frames | 60 |
| CPCCCA3005B | Construct ceiling frames | 32 |
| CPCCCA3006B | Erect roof trusses | 40 |
| CPCCCA3007C | Construct pitched roofs | 60 |
| CPCCCA3008B | Construct eaves | 20 |
| CPCCCA3023A | Carry out levelling operations | 24 |
| CPCCCM1012A | Work effectively and sustainably in the construction industry | 20 |
| CPCCCM1013A | Plan and organise work | 20 |
| CPCCCM1014A | Conduct workplace communication | 20 |
| CPCCCM1015A | Carry out measurements and calculations | 20 |
| CPCCCM2001A | Read and interpret plans and specifications | 36 |
| CPCCCM2002A | Carry out excavation | 16 |
| CPCCCM2007B | Use explosive power tools | 16 |
| CPCCCM2008B | Erect and dismantle restricted height scaffolding | 40 |
| CPCCCM2010B | Work safely at heights | 8 |
| CPCCCO2013A | Carry out concreting to simple forms | 20 |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |

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| **Unit Code** | **Unit Title** | **Hours** |
| ***Electives*** | | |
| CPCCCA3009B | Construct advanced roofs | 80 |
| CPCCCA3010A | Install and replace windows and doors | 70 |
| CPCCCA3012A | Frame and fit wet area fixtures | 24 |
| CPCCCA3013A | Install lining, panelling and moulding | 40 |
| CPCCCA3016A | Construct timber external stairs | 40 |
| CPCCCA3017B | Install exterior cladding | 20 |
| CPCCCA3018A | Construct, erect and dismantle formwork for stairs and ramps | 40 |
| CPCCCM3001C | Operate elevated work platforms | 32 |
| **Total hours** | | **1026** |

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| **Occupation/ Work Function** | Demolisher/Demolition Contractor | |
| **Qualification Title** | Certificate III in Demolition | |
| **Qualification Code** | CPC30411 | |
| **Description** | This is a sample training program appropriate for a person working with a demolition crew in demolition operations in the residential and commercial construction industry. | |
| **Notes** | The following training program is a sample only. For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package**. This sample program is based on CPC08 V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCCCA3001A | Carry out general demolition of minor building structures | 32 |
| CPCCCM1012A | Work effectively and sustainably in the construction industry | 20 |
| CPCCCM1013A | Plan and organise work | 20 |
| CPCCCM1014A | Conduct workplace communication | 20 |
| CPCCCM2001A | Read and interpret plans and specifications | 36 |
| CPCCCM2008B | Erect and dismantle restricted height scaffolding | 40 |
| CPCCCM2010B | Work safely at heights | 8 |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| CPCCDE2011A | Use demolition tools and equipment | 40 |
| CPCCDE2012A | Carry out manual general demolition | 40 |
| CPCCDE3011A | Carry out mechanical general demolition | 24 |
| CPCCSF2003A | Cut and bend materials using oxy-LPG equipment | 20 |
| ***Electives*** | | |
| CPCCCM3001C | Operate elevated work platforms | 32 |
| CPCCDE3014A | Remove non-friable asbestos | 20 |
| CPCCDE3015A | Remove friable asbestos | 30 |
| CPCCSC2002A | Erect and dismantle basic scaffolding | 56 |
| CPPWMT3015A | Move waste using loadshifting equipment | 40 |
| FPICOT2206B | Cross cut materials with a hand-held chainsaw | 40 |
| **Total hours** | | **538** |

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| **Occupation/ Work Function** | Painter and Decorator | | |
| **Qualification Title** | Certificate III in Painting and Decorating | | |
| **Qualification Code** | CPC30611 | | |
| **Description** | This is a sample training program appropriate for a person working in the painting and decorating sector for residential and commercial construction work. | | |
| **Notes** | The following training program is a sample only. For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package**. This sample program is based on CPC08 V6.1 and V7.0. | | |
| **Unit Code** | **Unit Title** | | **Hours** |
| ***Core*** | | | |
| CPCCCM1012A | Work effectively and sustainably in the construction industry | 20 | |
| CPCCCM1013A | Plan and organise work | 20 | |
| CPCCCM1014A | Conduct workplace communication | 20 | |
| CPCCCM1015A | Carry out measurements and calculations | 20 | |
| CPCCCM2001A | Read and interpret plans and specifications | 36 | |
| CPCCCM2003B | Calculate and cost construction work | 20 | |
| CPCCCM2008B | Erect and dismantle restricted height scaffolding | 40 | |
| CPCCCM2010B | Work safely at heights | 8 | |
| CPCCCM3001C | Operate elevated work platforms | 32 | |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 | |
| CPCCPB3026B | Erect and maintain trestle and plank systems | 10 | |
| CPCCPD2011A | Handle painting and decorating materials | 16 | |
| CPCCPD2012A | Use painting and decorating tools and equipment | 80 | |
| CPCCPD2013A | Remove and replace doors and door and window components | 4 | |
| CPCCPD3021A | Prepare surfaces for painting | 40 | |
| CPCCPD3022A | Apply paint by brush and roller | 100 | |
| CPCCPD3023A | Apply texture coat paint finishes by brush, roller and spray | 40 | |
| CPCCPD3024A | Apply paint by spray | 80 | |
| CPCCPD3025A | Match specified paint colour | 50 | |
| CPCCPD3026A | Apply stains and clear timber finishes | 40 | |
| CPCCPD3027A | Apply wallpaper | 50 | |
| CPCCPD3028A | Apply decorative paint finishes | 114 | |
| CPCCPD3031A | Implement safe lead paint and asbestos work practices in the painting industry | 20 | |

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| **Unit Code** | **Unit Title** | | **Hours** |
| ***Electives*** | | | |
| CPCCPD3029A | Remove graffiti and apply protective coatings | 30 | |
| CPCCPD3030B | Apply protective paint coating systems | 30 | |
| CPCCPD3032A | Apply advanced wallpaper techniques | 30 | |
| CPCCPD3034A | Apply advanced decorative paint finishes | 40 | |
| **Total hours** | | **1010** | |

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| **Occupation/ Work Function** | Rigger | |
| **Qualification Title** | Certificate III in Rigging | |
| **Qualification Code** | CPC30711 | |
| **Description** | This is a sample training program appropriate for a person working in the rigging sector in the construction industry. | |
| **Notes** | The following training program is a sample only. For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package**.This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCCCM1012A | Work effectively and sustainably in the construction industry | 20 |
| CPCCCM1013A | Plan and organise work | 20 |
| CPCCCM1014A | Conduct workplace communication | 20 |
| CPCCCM1015A | Carry out measurements and calculations | 20 |
| CPCCCM2001A | Read and interpret plans and specifications | 36 |
| CPCCCM2010B | Work safely at heights | 8 |
| CPCCCM3001C | Operate elevated work platforms | 32 |
| CPCCCM3003A | Work safely around power sources, services and assets | 40 |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| CPCCLRG3001A | Licence to perform rigging basic level | 196 |
| CPCCLRG3002A | Licence to perform rigging intermediate level | 40 |
| ***Electives*** | | |
| CPCCRI3001A | Operate personnel and materials hoists | 32 |
| CPCCRI3014A | Perform advanced structural steel erection | 24 |
| CPCCRI3015A | Perform advanced tilt-up slab erection | 24 |
| RIIOHS302A | Implement traffic management plan | 20 |
| **Total hours** | | **552** |

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| **Occupation/ Work Function** | Roof Tiler | |
| **Qualification Title** | Certificate III in Roof Tiling | |
| **Qualification Code** | CPC30812 | |
| **Description** | This is a sample training program appropriate for a person working in roof tiling for residential and commercial construction work. | |
| **Notes** | The following training program is a sample only. For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package**. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCCCM1012A | Work effectively and sustainably in the construction industry | 20 |
| CPCCCM1013A | Plan and organise work | 20 |
| CPCCCM1014A | Conduct workplace communication | 20 |
| CPCCCM1015A | Carry out measurements and calculations | 20 |
| CPCCCM2001A | Read and interpret plans and specifications | 36 |
| CPCCCM2008B | Erect and dismantle restricted height scaffolding | 40 |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| CPCPCM2043A | Carry out WHS requirements | 50 |
| CPCPCM2055A | Work safely on roofs | 20 |
| CPCCRT2001A | Handle roof tiling materials | 16 |
| CPCCRT2002A | Use roof tiling tools and equipment | 16 |
| CPCCRT3001A | Tile regular roofs | 48 |
| CPCCRT3002A | Tile irregular roofs | 84 |
| CPCCRT3004B | Repair and renovate tile roofs | 20 |
| ***Electives*** | | |
| CPCCRT3005B | Slate a roof | 48 |
| CPCCRT3006B | Fix shingles to roofs and facades | 24 |
| CPCCSC2002A | Erect and dismantle basic scaffolding | 56 |
| **Total hours** | | **558** |

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| **Occupation/ Work Function** | Plasterer | |
| **Qualification Title** | Certificate III in Wall and Ceiling Lining | |
| **Qualification Code** | CPC31211 | |
| **Description** | This is a sample training program appropriate for a person working in the wall and ceiling lining sector. | |
| **Notes** | The following training program is a sample only. For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package**. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCCCM1012A | Work effectively and sustainably in the construction industry | 20 |
| CPCCCM1013A | Plan and organise work | 20 |
| CPCCCM1014A | Conduct workplace communication | 20 |
| CPCCCM1015A | Carry out measurements and calculations | 20 |
| CPCCCM2001A | Read and interpret plans and specifications | 36 |
| CPCCCM2010B | Work safely at heights | 8 |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| CPCCPB3001A | Fix standard plasterboard wall sheets | 60 |
| CPCCPB3002A | Fix standard plasterboard ceiling sheets | 60 |
| CPCCPB3003A | Fix battens | 20 |
| CPCCPB3004A | Fix wet area sheets | 20 |
| CPCCPB3005A | Fix ceiling sheets to external protected areas | 40 |
| CPCCPB3006A | Fix fibre cement board | 20 |
| CPCCPB3007A | Apply levels of finish standards to planning and inspection of own work | 40 |
| CPCCPB3008A | Mix plastering compounds | 20 |
| CPCCPB3009A | Finish plasterboard joins manually | 60 |
| CPCCPB3010A | Manually sand plaster work | 16 |
| CPCCPB3011A | Finish category 1 and 2 wet areas | 20 |
| CPCCPB3012A | Cut and fix paper-faced cornices | 40 |
| ***Electives*** | | |
| CPCCWC3004A | Install suspended ceilings | 40 |
| CPCCPB3015A | Install acoustic and thermal environmental protection systems | 20 |
| CPCCPB3017A | Rectify faults in plaster applications | 20 |

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| **Unit Code** | **Unit Title** | **Hours** |
| CPCCPB3018A | Use vacuum and electric sanding equipment to finish plaster work | 60 |
| CPCCPB3023A | Load and unload plaster and plaster-related products | 6 |
| CPCCPB3025A | Store plasterboard and related products | 10 |
| CPCCSP3005A | Install pre-cast decorative mouldings | 120 |
| **Total hours** | | **836** |

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| --- | --- | --- |
| **Occupation/ Work Function** | Plasterer | |
| **Qualification Title** | Certificate III in Wall and Ceiling Lining | |
| **Qualification Code** | CPC31211 | |
| **Description** | This is a sample training program appropriate for a person working in the wall and ceiling lining sector. | |
| **Notes** | The following training program is a sample only. For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package**. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCCCM1012A | Work effectively and sustainably in the construction industry | 20 |
| CPCCCM1013A | Plan and organise work | 20 |
| CPCCCM1014A | Conduct workplace communication | 20 |
| CPCCCM1015A | Carry out measurements and calculations | 20 |
| CPCCCM2001A | Read and interpret plans and specifications | 36 |
| CPCCCM2010B | Work safely at heights | 8 |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| CPCCPB3001A | Fix standard plasterboard wall sheets | 60 |
| CPCCPB3002A | Fix standard plasterboard ceiling sheets | 60 |
| CPCCPB3003A | Fix battens | 20 |
| CPCCPB3004A | Fix wet area sheets | 20 |
| CPCCPB3005A | Fix ceiling sheets to external protected areas | 40 |
| CPCCPB3006A | Fix fibre cement board | 20 |
| CPCCPB3007A | Apply levels of finish standards to planning and inspection of own work | 40 |
| CPCCPB3008A | Mix plastering compounds | 20 |
| CPCCPB3009A | Finish plasterboard joins manually | 60 |
| CPCCPB3010A | Manually sand plaster work | 16 |
| CPCCPB3011A | Finish category 1 and 2 wet areas | 20 |
| CPCCPB3012A | Cut and fix paper-faced cornices | 40 |
| ***Electives*** | | |
| CPCCWC3004A | Install suspended ceilings | 40 |
| CPCCPB3015A | Install acoustic and thermal environmental protection systems | 20 |
| CPCCPB3017A | Rectify faults in plaster applications | 20 |

|  |  |  |
| --- | --- | --- |
| **Unit Code** | **Unit Title** | **Hours** |
| CPCCPB3018A | Use vacuum and electric sanding equipment to finish plaster work | 60 |
| CPCCPB3023A | Load and unload plaster and plaster-related products | 6 |
| CPCCPB3025A | Store plasterboard and related products | 10 |
| CPCCSP3005A | Install pre-cast decorative mouldings | 120 |
| **Total hours** | | **836** |

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| --- | --- | --- |
| **Occupation/ Work Function** | Post-tensioner – supervisor | |
| **Qualification Title** | Certificate III in Post-Tensioning | |
| **Qualification Code** | CPC31712 | |
| **Description** | This is a sample training program appropriate for a person working in post-tensioning in the construction industry | |
| **Notes** | The following training program is a sample only. For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package**. This sample program is based on CPC08 V8. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCCCM1012A | Work effectively and sustainably in the construction industry | 20 |
| CPCCCM1014A | Conduct workplace communication | 20 |
| CPCCCM1015A | Carry out measurements and calculations | 20 |
| CPCCCM2001A | Read and interpret plans and specifications | 36 |
| CPCCCM2004A | Handle construction materials | 16 |
| CPCCCM2005B | Use construction tools and equipment | 96 |
| CPCCCM2010B | Work safely at heights | 8 |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| CPCCSF2002A | Use steelfixing tools and equipment | 80 |
| CPCCSF3002A | Carry out monostrand post-tensioning | 40 |
| CPCCSF3003A | Carry out multistrand post-tensioning | 40 |
| CPCCSF3004A | Carry out stressbar post-tensioning | 20 |
| ***Electives*** | | |
| CPCCCM3001C | Operate elevated work platforms | 32 |
| CPCCSF2005A | Arc weld reinforcement steel | 40 |
| CPCCSF2007A | Splice and anchor using mechanical methods | 50 |
| CPCPCM4011A | Carry out work-based risk control processes | 24 |
| RIIOHS202A | Enter and work in confined spaces | 30 |
| **Total hours** | | **592** |

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| **Occupation/ Work Function** | Post-tensioner – operative | |
| **Qualification Title** | Certificate III in Post-Tensioning | |
| **Qualification Code** | CPC31712 | |
| **Description** | This is a sample training program appropriate for a person working in post-tensioning in the construction industry | |
| **Notes** | The following training program is a sample only. For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package**. This sample program is based on CPC08 V8. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCCCM1012A | Work effectively and sustainably in the construction industry | 20 |
| CPCCCM1014A | Conduct workplace communication | 20 |
| CPCCCM1015A | Carry out measurements and calculations | 20 |
| CPCCCM2001A | Read and interpret plans and specifications | 36 |
| CPCCCM2004A | Handle construction materials | 16 |
| CPCCCM2005B | Use construction tools and equipment | 96 |
| CPCCCM2010B | Work safely at heights | 8 |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| CPCCSF2002A | Use steelfixing tools and equipment | 80 |
| CPCCSF3002A | Carry out monostrand post-tensioning | 40 |
| CPCCSF3003A | Carry out multistrand post-tensioning | 40 |
| CPCCSF3004A | Carry out stressbar post-tensioning | 20 |
| ***Electives*** | | |
| CPCCCM2008B | Erect and dismantle restricted height scaffolding | 40 |
| COCCCO2014A | Carry out concrete work | 120 |
| CPCCSF2007A | Splice and anchor using mechanical methods | 50 |
| CPCPCM4011A | Carry out work=based risk control processes | 24 |
| TLILIC108A | Licence to operate a forklift truck | 40 |
| **Total hours** | | **690** |

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| --- | --- | --- |
| **Occupation/ Work Function** | Licensed crane operator | |
| **Qualification Title** | Certificate III in Construction Crane Operations | |
| **Qualification Code** | CPC32912 | |
| **Description** | This is a sample training program appropriate for a person with a licence (C2) to operate a slewing mobile crane (up to 20 tonnes). | |
| **Notes** | The following training program is a sample only. For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package**. This sample program is based on CPC08 V8. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBCUS301B | Deliver and monitor a service to customers | 35 |
| CPCCCM1012A | Work effectively and sustainably in the construction industry | 20 |
| CPCCCM1013A | Plan and organise work | 20 |
| CPCCCM1014A | Conduct workplace communication | 20 |
| CPCCCM2001A | Read and interpret plans and specifications | 36 |
| CPCCCM2004A | Handle construction materials | 16 |
| CPCCCM2010B | Work safely at heights | 8 |
| CPCCCM3001C | Operate elevated work platforms | 32 |
| CPCCCM3003A | Work safely around power sources, services and assets | 40 |
| CPCCDO3012A | Perform crane scheduling | 40 |
| CPCCLDG3001A | Licence to perform dogging | 80 |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| TLIB3011A | Set up and rig crane for lift | 30 |
| TLIB3013A | Maintain mobile cranes | 40 |
| TLIB3015A | Undertake site inspection | 20 |
| TLIF2006A | Apply accident-emergency procedures | 20 |
| TLIF2010A | Apply fatigue management strategies | 30 |
| TLIF3084A | Follow mobile crane safety procedures | 15 |
| TLILIC2016A | Licence to drive heavy rigid vehicle\* | 50 |
| ***Specialist*** | | |
| TLILIC3008A | Licence to operate a slewing mobile crane (up to 20 tonnes) | 70 |
| ***Electives*** | | |
| CPCCCM1015A | Carry out measurements and calculations | 20 |
| CPCCLRG3001A | Licence to perform rigging basic level | 196 |
| TLILIC2005A | Licence to operate a boom-type elevated work platform (boom length 11 meters or more) | 30 |
| **Total hours** | | **888** |

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| --- | --- | --- |
| **Occupation/ Work Function** | Licensed crane operator | |
| **Qualification Title** | Certificate III in Construction Crane Operations | |
| **Qualification Code** | CPC32912 | |
| **Description** | This is a sample training program appropriate for a person with a licence (C6) to operate a slewing mobile crane (up to 60 tonnes). | |
| **Notes** | The following training program is a sample only. For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package**. This sample program is based on CPC08 V8. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBCUS301B | Deliver and monitor a service to customers | 35 |
| CPCCCM1012A | Work effectively and sustainably in the construction industry | 20 |
| CPCCCM1013A | Plan and organise work | 20 |
| CPCCCM1014A | Conduct workplace communication | 20 |
| CPCCCM2001A | Read and interpret plans and specifications | 36 |
| CPCCCM2004A | Handle construction materials | 16 |
| CPCCCM2010B | Work safely at heights | 8 |
| CPCCCM3001C | Operate elevated work platforms | 32 |
| CPCCCM3003A | Work safely around power sources, services and assets | 40 |
| CPCCDO3012A | Perform crane scheduling | 40 |
| CPCCLDG3001A | Licence to perform dogging | 80 |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| TLIB3011A | Set up and rig crane for lift | 30 |
| TLIB3013A | Maintain mobile cranes | 40 |
| TLIB3015A | Undertake site inspection | 20 |
| TLIF2006A | Apply accident-emergency procedures | 20 |
| TLIF2010A | Apply fatigue management strategies | 30 |
| TLIF3084A | Follow mobile crane safety procedures | 15 |
| TLILIC2016A | Licence to drive heavy rigid vehicle\* | 50 |
| ***Specialist*** | | |
| TLILIC4009A | Licence to operate a slewing mobile crane (up to 60 tonnes) | 70 |
| ***Electives*** | | |
| CPCCCM1015A | Carry out measurements and calculations | 20 |
| CPCCLRG3001A | Licence to perform rigging basic level | 196 |
| TLILIC2005A | Licence to operate a boom-type elevated work platform (boom length 11 meters or more) | 30 |
| **Total hours** | | **888** |

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| **Occupation/ Work Function** | Shopfitter | |
| **Qualification Title** | Certificate III in Shopfitting | |
| **Qualification Code** | CPC31812 | |
| **Description** | This is a sample training program appropriate for a person working in shopfitting. | |
| **Notes** | The following training program is a sample only. For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package**. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCCCM1012A | Work effectively and sustainably in the construction industry | 20 |
| CPCCCM1013A | Plan and organise work | 20 |
| CPCCCM1014A | Conduct workplace communication | 20 |
| CPCCCM1015A | Carry out measurements and calculations | 20 |
| CPCCCM2001A | Read and interpret plans and specifications | 36 |
| CPCCCM2004A | Handle construction materials | 16 |
| CPCCCM2005B | Use construction tools and equipment | 96 |
| CPCCCM2006B | Apply basic levelling procedures | 8 |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| CPCCCA3010A | Install and replace windows and doors | 70 |
| CPCCJN3001A | Use static machines | 56 |
| CPCCJN3005A | Cut and install glass | 16 |
| CPCCSH2001A | Prepare surfaces | 32 |
| CPCCSH2002A | Use aluminium sections for fabrication | 40 |
| CPCCSH3001A | Set out and assemble cabinets, showcases, wall units, counters and workstations | 80 |
| CPCCSH3002A | Set out and fabricate shopfront commercial entries bulkheads and component fittings | 56 |
| CPCCSH3003A | Assemble and install shopfront commercial entries bulkheads and components | 40 |
| CPCCSH3005A | Apply and trim decorative finishes | 40 |
| CPCCSH3006A | Apply finishes | 15 |
| ***Elective*** | | |
| CPCCCA3001A | Carry out general demolition of minor building structures | 32 |
| CPCCCA3013A | Install lining, panelling and moulding | 40 |
| CPCCCA3014A | Construct bulkheads | 16 |

|  |  |  |
| --- | --- | --- |
| **Unit Code** | **Unit Title** | **Hours** |
| CPCCCA3015A | Assemble partitions | 32 |
| CPCCCM2007B | Use explosive power tools | 16 |
| CPCCCM3001C | Operate elevated work platforms | 32 |
| CPCCJN3002A | Use computer-controlled machinery | 60 |
| CPCCJN3003A | Manufacture components for door and window frames and doors | 80 |
| CPCCPB3015A | Install acoustic and thermal environmental protection systems | 20 |
| CPCCSF2003A | Cut and bend materials using oxy-LPG equipment | 20 |
| LMFFM3006B | Install furnishing products | 24 |
| **Total hours** | | **1073** |

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| --- | --- | --- |
| **Occupation/  Work Function** | Shopfitter | |
| **Qualification Title** | Certificate III in Shopfitting | |
| **Qualification Code** | CPC31812 | |
| **Description** | This is a sample training program appropriate for a person working in shopfitting. | |
| **Notes** | The following training program is a sample only. For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package**. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCCCM1012A | Work effectively and sustainably in the construction industry | 20 |
| CPCCCM1013A | Plan and organise work | 20 |
| CPCCCM1014A | Conduct workplace communication | 20 |
| CPCCCM1015A | Carry out measurements and calculations | 20 |
| CPCCCM2001A | Read and interpret plans and specifications | 36 |
| CPCCCM2004A | Handle construction materials | 16 |
| CPCCCM2005B | Use construction tools and equipment | 96 |
| CPCCCM2006B | Apply basic levelling procedures | 8 |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| CPCCCA3010A | Install and replace windows and doors | 70 |
| CPCCJN3001A | Use static machines | 56 |
| CPCCJN3005A | Cut and install glass | 16 |
| CPCCSH2001A | Prepare surfaces | 32 |
| CPCCSH2002A | Use aluminium sections for fabrication | 40 |
| CPCCSH3001A | Set out and assemble cabinets, showcases, wall units, counters and workstations | 80 |
| CPCCSH3002A | Set out and fabricate shopfront commercial entries bulkheads and component fittings | 56 |
| CPCCSH3003A | Assemble and install shopfront commercial entries bulkheads and components | 40 |
| CPCCSH3005A | Apply and trim decorative finishes | 40 |
| CPCCSH3006A | Apply finishes | 15 |
| ***Electives*** | | |
| CPCCCA3001A | Carry out general demolition of minor building structures | 32 |
| CPCCCA3013A | Install lining, panelling and moulding | 40 |
| CPCCCA3014A | Construct bulkheads | 16 |

|  |  |  |
| --- | --- | --- |
| **Unit Code** | **Unit Title** | **Hours** |
| CPCCCA3015A | Assemble partitions | 32 |
| CPCCCM2007B | Use explosive power tools | 16 |
| CPCCCM3001C | Operate elevated work platforms | 32 |
| CPCCJN3002A | Use computer-controlled machinery | 60 |
| CPCCJN3003A | Manufacture components for door and window frames and doors | 80 |
| CPCCPB3015A | Install acoustic and thermal environmental protection systems | 20 |
| CPCCSF2003A | Cut and bend materials using oxy-LPG equipment | 20 |
| LMFFM3006B | Install furnishing products | 24 |
| **Total hours** | | **1073** |

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| --- | --- | --- |
| **Occupation/  Work Function** | Carpenter and Joiner | |
| **Qualification Title** | Certificate III in Carpentry and Joinery | |
| **Qualification Code** | CPC32011 | |
| **Description** | This is a sample training program appropriate for a person working as a carpenter and joiner covering work in residential and commercial applications. | |
| **Notes** | The following training program is a sample only. For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package.** This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCCCA2002B | Use carpentry tools and equipment | 96 |
| CPCCCA2011A | Handle carpentry materials | 16 |
| CPCCCA3001A | Carry out general demolition of minor building structures | 32 |
| CPCCCA3002A | Carry out setting out | 24 |
| CPCCCA3003A | Install flooring systems | 40 |
| CPCCCA3004A | Construct wall frames | 60 |
| CPCCCA3005B | Construct ceiling frames | 32 |
| CPCCCA3006B | Erect roof trusses | 40 |
| CPCCCA3007C | Construct pitched roofs | 60 |
| CPCCCA3008B | Construct eaves | 20 |
| CPCCCA3010A | Install and replace windows and doors | 70 |
| CPCCCA3013A | Install lining, panelling and moulding | 40 |
| CPCCCA3017B | Install exterior cladding | 20 |
| CPCCCA3019A | Erect and dismantle formwork to suspended slabs, columns, beams and walls | 40 |
| CPCCCA3023A | Carry out levelling operations | 24 |
| CPCCCM1012A | Work effectively and sustainably in the construction industry | 20 |
| CPCCCM1013A | Plan and organise work | 20 |
| CPCCCM1014A | Conduct workplace communication | 20 |
| CPCCCM1015A | Carry out measurements and calculations | 20 |
| CPCCCM2001A | Read and interpret plans and specifications | 36 |
| CPCCCM2007B | Use explosive power tools | 16 |
| CPCCCM2008B | Erect and dismantle restricted height scaffolding | 40 |
| CPCCCM2010B | Work safely at heights | 8 |
| CPCCCO2013A | Carry out concreting to simple forms | 20 |

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| **Unit Code** | **Unit Title** | **Hours** |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| CPCCJN3001A | Use static machines | 56 |
| CPCCJN3003A | Manufacture components for door and window frames and doors | 80 |
| CPCCJN3004A | Manufacture joinery components | 40 |
| ***Electives*** | | |
| CPCCCA3009B | Construct advanced roofs | 80 |
| CPCCCA3011A | Refurbish timber sashes to window frames | 16 |
| CPCCCA3012A | Frame and fit wet area fixtures | 24 |
| CPCCCA3016A | Construct timber external stairs | 40 |
|  | **Total hours** | **1170** |

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| **Occupation/  Work Function** | Carpenter and Joiner – Stair manufacture and installation | | |
| **Qualification Title** | Certificate III in Carpentry and Joinery | | |
| **Qualification Code** | CPC32011 | | |
| **Description** | This is a sample training program appropriate for a person working as a carpenter and joiner undertaking the manufacture, assembly and installation of stairs. | | |
| **Notes** | The following training program is a sample only. For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package**. This sample program is based on CPC08 V6.1 and V7.0. | | |
| **Unit Code** | **Unit Title** | | **Hours** |
| ***Core*** | | | |
| CPCCCA2002B | Use carpentry tools and equipment | 96 | |
| CPCCCA2011A | Handle carpentry materials | 16 | |
| CPCCCA3001A | Carry out general demolition of minor building structures | 32 | |
| CPCCCA3002A | Carry out setting out | 24 | |
| CPCCCA3003A | Install flooring systems | 40 | |
| CPCCCA3004A | Construct wall frames | 60 | |
| CPCCCA3005B | Construct ceiling frames | 32 | |
| CPCCCA3006B | Erect roof trusses | 40 | |
| CPCCCA3007C | Construct pitched roofs | 60 | |
| CPCCCA3008B | Construct eaves | 20 | |
| CPCCCA3010A | Install and replace windows and doors | 70 | |
| CPCCCA3013A | Install lining, panelling and moulding | 40 | |
| CPCCCA3017B | Install exterior cladding | 20 | |
| CPCCCA3019A | Erect and dismantle formwork to suspended slabs, columns, beams and walls | 40 | |
| CPCCCA3023A | Carry out levelling operations | 24 | |
| CPCCCM1012A | Work effectively and sustainably in the construction industry | 20 | |
| CPCCCM1013A | Plan and organise work | 20 | |
| CPCCCM1014A | Conduct workplace communication | 20 | |
| CPCCCM1015A | Carry out measurements and calculations | 20 | |
| CPCCCM2001A | Read and interpret plans and specifications | 36 | |
| CPCCCM2007B | Use explosive power tools | 16 | |
| CPCCCM2008B | Erect and dismantle restricted height scaffolding | 40 | |
| CPCCCM2010B | Work safely at heights | 8 | |

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| **Unit Code** | **Unit Title** | | **Hours** |
| CPCCCO2013A | Carry out concreting to simple forms | 20 | |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 | |
| CPCCJN3001A | Use static machines | 56 | |
| CPCCJN3003A | Manufacture components for door and window frames and doors | 80 | |
| CPCCJN3004A | Manufacture joinery components | 40 | |
| ***Electives*** | | | |
| CPCCJS3002A | Manufacture stair components for straight flighted stairs | 32 | |
| CPCCJS3003A | Assemble and install stairs | 24 | |
| CPCCJS3004A | Manufacture and install continuous handrailing and special stair components | 56 | |
| CPCCJS3011A | Design and set out stairs | 24 | |
| **Total hours** | | **1146** | |

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| **Occupation/  Work Function** | Signwriter/Sign Manufacturer | |
| **Qualification Title** | Certificate III in Signage | |
| **Qualification Code** | CPC32111 | |
| **Description** | This is a sample training program appropriate for a person producing signage. | |
| **Notes** | The following training program is a sample only. For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package**. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCCCM1012A | Work effectively and sustainably in the construction industry | 20 |
| CPCCCM1013A | Plan and organise work | 20 |
| CPCCCM1014A | Conduct workplace communication | 20 |
| CPCCCM1015A | Carry out measurements and calculations | 20 |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| CPCCSI2001A | Use colour for signage | 24 |
| CPCCSI2002A | Lay out and design signage | 40 |
| CPCCSI2003A | Prepare surfaces for signage | 20 |
| CPCCSI2004A | Produce digital signage | 36 |
| CPCCSI2005A | Fabricate signage | 40 |
| CPCCSI2006A | Signwrite to simple forms | 76 |
| CPCCSI2007A | Apply fasteners and fixings | 16 |
| CPCCSI3001A | Produce vinyl signage | 36 |
| CPCCSI3002A | Use rotary router | 20 |
| ***Electives*** | | |
| CPCCCM2006B | Apply basic levelling procedures | 8 |
| CPCCCM3001C | Operate elevated work platforms | 32 |
| CPCCSI3003A | Signwrite to decorative forms | 92 |
| CPCCSI3004A | Apply advanced vinyl applications | 40 |
| CPCCSI3006A | Apply gilding to signage | 40 |
| CPCCSI3007A | Apply lines and scrolls | 48 |
| CPCCSI3009A | Screen-print signage | 36 |
| **Total hours** | | **704** |

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| **Occupation/  Work Function** | Stonemason | |
| **Qualification Title** | Certificate III in Stonemasonry (Monumental/Installation) | |
| **Qualification Code** | CPC32311 | |
| **Description** | This is a sample training program appropriate for a person working as a stonemason in commercial and monumental applications. | |
| **Notes** | The following training program is a sample only. For further information on choosing electives refer to the qualification structures and rules within the **(CPC08) Construction, Plumbing and Services Training Package**. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCCCM1012A | Work effectively and sustainably in the construction industry | 20 |
| CPCCCM1013A | Plan and organise work | 20 |
| CPCCCM1014A | Conduct workplace communication | 20 |
| CPCCCM1015A | Carry out measurements and calculations | 20 |
| CPCCCM2001A | Read and interpret plans and specifications | 36 |
| CPCCCM2002A | Carry out excavation | 16 |
| CPCCCM2008B | Erect and dismantle restricted height scaffolding | 40 |
| CPCCCA3002A | Carry out setting out | 24 |
| CPCCCA3023A | Carry out levelling operations | 24 |
| CPCCCO2013A | Carry out concreting to simple forms | 20 |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| CPCCST2001A | Prepare for stonemasonry construction process | 25 |
| CPCCST2002A | Identify and use stone products | 8 |
| CPCCST2003A | Finish stone | 30 |
| CPCCST2004A | Lay stone | 40 |
| CPCCST3001A | Dress and mould stone | 10 |
| CPCCST3002A | Shape solid stone | 40 |
| CPCCST3003A | Split stone manually | 20 |
| CPCCST3004A | Dress stone manually | 40 |
| CPCCST3005A | Carry out profile work | 60 |
| CPCCST3006A | Machine stone | 40 |
| ***Electives*** | | |
| CPCCBL3016A | Construct battered masonry walls and piers | 32 |
| CPCCJN2001A | Assemble components | 32 |

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| **Unit Code** | **Unit Title** | **Hours** |
| CPCCST2005A | Carry out load slinging of off-site materials | 8 |
| CPCCST3008A | Inlay lead to stone | 20 |
| CPCCST3010A | Set out and cut letters in stone | 32 |
| CPCCST3011A | Plan monument construction | 12 |
| CPCCST3012A | Build stone veneer walls | 32 |
| CPCCST3013A | Carry out cemetery monument fixing | 32 |
| CPCCST3014A | Set and anchor stone facades | 32 |
| **Total hours** | | **805** |

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| --- | --- | --- |
| **Occupation/  Work Function** | General Plumber | |
| **Qualification Title** | Certificate III in Plumbing | |
| **Qualification Code** | CPC32412 | |
| **Description** | This sample training program is appropriate for a person working in the plumbing industry within the industry sectors: **Water**, **Sanitary**, **Roofing** and **Gas Services**. | |
| **Notes** | On completion of this qualification participants may apply to the Plumbing Industry Commission (PIC) for registration in **Water**, **Sanitary**, **Roofing**, and **Gas Services**.  This sample qualification also complies with **(CPC08) Construction, Plumbing and Services Training Package** structuring rules, which state that individual competency units gained in one subsector may be used as a credit for any other subsector in which the unit is listed. For further information on choosing electives, refer to the qualification structure and rules within the **(CPC08) Construction, Plumbing and Services Training Package *\*\*Note duplicated units have had their hours removed from sample program calculations.***This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| **Water – Requirements 24 core, 5 electives** | | |
| ***Core*** | | |
| CPCPCM2039A | Carry out interactive workplace communication | 10 |
| CPCPCM2040A | Read plans and calculate plumbing quantities | 8 |
| CPCPCM2041A | Work effectively in the plumbing and services sector | 15 |
| CPCPCM2043A | Carry out WHS requirements | 50 |
| CPCPCM2045A | Handle and store plumbing materials | 6 |
| CPCPCM2046A | Use plumbing hand and power tools | 40 |
| CPCPCM2047A | Carry out levelling | 6 |
| CPCPCM2050A | Mark out materials | 20 |
| CPCPCM2052A | Weld using oxy-acetylene equipment | 16 |
| CPCPCM2053A | Weld using manual metal arc welding equipment | 16 |
| CPCPCM2054A | Carry out simple concreting and rendering | 16 |
| CPCPCM2055A | Work safely on roofs | 20 |
| CPCPCM3021A | Flash penetrations through roofs and walls | 18 |
| CPCPCM3022A | Weld polyethylene and polypropylene pipes using fusion method | 8 |
| CPCPCM3023A | Fabricate and install non-ferrous pressure piping | 12 |
| CPCPFS3031A | Fabricate and install fire hydrant and hose reel systems | 40 |
| CPCPWT3020A | Connect and install storage tanks to a domestic water supply | 12 |
| CPCPWT3021A | Set out and install water services | 36 |

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| --- | --- | --- |
| **Unit Code** | **Unit Title** | **Hours** |
| CPCPWT3022A | Install and adjust water service controls and devices | 12 |
| CPCPWT3023A | Install and commission water heating systems | 25 |
| CPCPWT3025A | Install water pumpsets | 8 |
| CPCPWT3026A | Fit off and commission heated and cold water services | 16 |
| CPCPWT3027A | Connect irrigation systems from drinking water supply | 6 |
| HLTFA211A | Provide basic emergency life support | 8 |
| ***Electives*** | | |
| CPCPIG2021A | Design domestic urban irrigation systems | 5 |
| CPCPIG3021A | Set out, install and commission irrigation systems | 4 |
| CPCPWT3024A | Install and maintain domestic water treatment equipment | 10 |
| CPCPWT3028A | Install water services | 10 |
| CPCPFS3037A | Install domestic and residential life safety sprinkler systems | 60 |
|  | **Sub total water hours** | **513** |

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| **Sanitary – Requirements 6 core, 4 electives** | | |
| ***Core*** | | |
| CPCPCM2048A | Cut and join sheet metal | 8 |
| CPCPDR2021A | Locate and clear blockages | 8 |
| CPCPSN3011B | Plan layout of a residential sanitary plumbing system | 8 |
| CPCPSN3022A | Install discharge pipes | 28 |
| CPCPSN3023A | Fabricate and install sanitary stacks | 28 |
| CPCPSN3024A | Install and fit off sanitary fixtures | 20 |
| ***Electives*** | | |
| CPCPCM2049A | Cut using oxy-LPG-acetylene equipment | 8 |
| CPCPSN3025A | Install pre-treatment facilities | 8 |
| CPCPSN3026A | Install sewerage pumpsets | 8 |
| RIICCM210A | Install trench support | 16 |
|  | **Sub total sanitary hours** | **140** |

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| --- | --- | --- |
| **Unit Code** | **Unit Title** | **Hours** |
| **Roofing – Requirements 8 core, 4 electives** | | |
| ***Core*** | | |
| CPCPCM2048A | Cut and join sheet metal | 8 |
| CPCPRF2022A | Select and install roof sheeting and wall cladding | 16 |
| CPCPRF2023A | Collect and store roof water | 10 |
| CPCPRF3021A | Receive roofing materials | 4 |
| CPCPRF3022A | Fabricate and install roof drainage components | 48 |
| CPCPRF3023A | Fabricate and install external flashings | 16 |
| CPCPRF3024A | Install roof components | 10 |
| CPCPRF3026A | Install composite roof systems | 20 |
| ***Electives*** | | |
| CPCCCM2008B | Erect and dismantle restricted height scaffolding | 40 |
| CPCCCM2010B | Work safely at heights | 8 |
| CPCCCM3001C | Operate elevated work platforms | 32 |
| CPCPRF3025A | Install roof coverings to curved roof structures | 12 |
|  | **Sub total roofing hours** | **224** |

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| **Gas fitting – Requirements 12 core, 5 electives** | | |
| ***Core*** | | |
| CPCPCM2048A | Cut and join sheet metal | 8 |
| CPCPGS3046A | Install LPG systems in caravans, mobile homes and mobile workplaces | 12 |
| CPCPGS3047A | Install LPG systems in marine craft | 12 |
| CPCPGS3048A | Install gas pressure control equipment | 8 |
| CPCPGS3049A | Install Type A gas appliance flues | 12 |
| CPCPGS3051A | Purge consumer piping | 8 |
| CPCPGS3053A | Disconnect and reconnect Type A gas appliances | 16 |
| CPCPGS3054A | Calculate and install natural ventilation for Type A gas appliances | 8 |
| CPCPGS3056A | Install gas piping systems | 24 |
| CPCPGS3057A | Size consumer gas piping systems | 8 |
| CPCPGS3058A | Install and commission Type A gas appliances | 22 |
| CPCPGS3059A | Install LPG storage of aggregate storage capacity up to 500 litres | 4 |

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| **Unit Code** | **Unit Title** | **Hours** |
| ***Electives*** | | |
| CPCPCM2049A | Cut using oxy-LPG-acetylene equipment | 8 |
| CPCPGS3050A | Install Type B gas appliance flues | 4 |
| CPCPGS3052A | Maintain Type A gas appliances | 12 |
| CPCPGS3060A | Install LPG storage of aggregate storage capacity exceeding 500 litres and less than 8KL | 6 |
| RIICCM210A | Install trench support | 16 |
|  | **Sub total gas fitting hours** | **188** |

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| --- | --- |
| **Total hours: 4 streams – Water, Sanitary, Roofing, Gas fitting** | **1065** |

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| **Occupation/  Work Function** | General Plumber | |
| **Qualification Title** | Certificate III in Plumbing | |
| **Qualification Code** | CPC32412 | |
| **Description** | This sample training program is appropriate for a person working in the plumbing industry within the industry sectors: **Water, Sanitary, Drainage, Roofing and Gas Services**. | |
| **Notes** | On completion of this qualification participants may apply to the Plumbing Industry Commission (PIC) for registration in **Water, Sanitary, Drainage, Roofing, and Gas Services**.  This sample qualification also complies with **(CPC08) Construction, Plumbing and Services Training Package** structuring rules, which state that individual competency units gained in one subsector may be used as a credit for any other subsector in which the unit is listed. For further information on choosing electives, refer to the qualification structure and rules within the **(CPC08) Construction, Plumbing and Services Training Package**. ***\*\*Note duplicated units have had their hours removed from sample program calculations****.* This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| **Water – Requirements 24 core, 5 electives** | | |
| ***Core*** | | |
| CPCPCM2039A | Carry out interactive workplace communication | 10 |
| CPCPCM2040A | Read plans and calculate plumbing quantities | 8 |
| CPCPCM2041A | Work effectively in the plumbing and services sector | 15 |
| CPCPCM2043A | Carry out WHS requirements | 50 |
| CPCPCM2045A | Handle and store plumbing materials | 6 |
| CPCPCM2046A | Use plumbing hand and power tools | 40 |
| CPCPCM2047A | Carry out levelling | 6 |
| CPCPCM2050A | Mark out materials | 20 |
| CPCPCM2052A | Weld using oxy-acetylene equipment | 16 |
| CPCPCM2053A | Weld using manual metal arc welding equipment | 16 |
| CPCPCM2054A | Carry out simple concreting and rendering | 16 |
| CPCPCM2055A | Work safely on roofs | 20 |
| CPCPCM3021A | Flash penetrations through roofs and walls | 18 |
| CPCPCM3022A | Weld polyethylene and polypropylene pipes using fusion method | 8 |
| CPCPCM3023A | Fabricate and install non-ferrous pressure piping | 12 |
| CPCPFS3031A | Fabricate and install fire hydrant and hose reel systems | 40 |
| CPCPWT3020A | Connect and install storage tanks to a domestic water supply | 12 |
| CPCPWT3021A | Set out and install water services | 36 |

|  |  |  |
| --- | --- | --- |
| **Unit Code** | **Unit Title** | **Hours** |
| CPCPWT3022A | Install and adjust water service controls and devices | 12 |
| CPCPWT3023A | Install and commission water heating systems | 25 |
| CPCPWT3025A | Install water pumpsets | 8 |
| CPCPWT3026A | Fit off and commission heated and cold water services | 16 |
| CPCPWT3027A | Connect irrigation systems from drinking water supply | 6 |
| HLTFA211A | Provide basic emergency life support | 8 |
| ***Electives*** | | |
| CPCPIG2021A | Design domestic urban irrigation systems | 5 |
| CPCPIG3021A | Set out, install and commission irrigation systems | 4 |
| CPCPWT3024A | Install and maintain domestic water treatment equipment | 10 |
| CPCPWT3028A | Install water services | 10 |
| CPCPFS3037A | Install domestic and residential life safety sprinkler systems | 60 |
| **Sub total water hours** | | **513** |

|  |  |  |
| --- | --- | --- |
| **Sanitary – Requirements 6 core, 4 electives** | | |
| ***Core*** | | |
| CPCPCM2048A | Cut and join sheet metal | 8 |
| CPCPDR2021A | Locate and clear blockages | 8 |
| CPCPSN3011B | Plan layout of a residential sanitary plumbing system | 8 |
| CPCPSN3022A | Install discharge pipes | 28 |
| CPCPSN3023A | Fabricate and install sanitary stacks | 28 |
| CPCPSN3024A | Install and fit off sanitary fixtures | 20 |
| ***Electives*** | | |
| CPCPCM2049A | Cut using oxy-LPG-acetylene equipment | 8 |
| CPCPSN3025A | Install pre-treatment facilities | 8 |
| CPCPSN3026A | Install sewerage pumpsets | 8 |
| RIICCM210A | Install trench support | 16 |
| **Sub total sanitary hours** | | **140** |

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| **Unit Code** | **Unit Title** | **Hours** |
| **Drainage** | **Requirements 9 core, 3 electives** |  |
| ***Core*** | | |
| CPCPDR2021A | Locate and clear blockages | 8 |
| CPCPDR2022A | Install domestic treatment plants | 20 |
| CPCPDR2024A | Install stormwater and sub-soil drainage systems | 15 |
| CPCPDR2025A | Drain work site | 5 |
| CPCPDR2026A | Install prefabricated inspection openings and enclosures | 4 |
| CPCPDR3021A | Plan layout of a residential sanitary drainage system | 8 |
| CPCPDR3022A | Install below ground sanitary drainage systems | 30 |
| CPCPDR3023A | Install on-site disposal systems | 8 |
| RIICCM210A | Install trench support | 16 |
| ***Electives*** | | |
| CPCPCM2049A | Cut using oxy-LPG-acetylene equipment | 8 |
| CPCPDR2023A | Maintain effluent disinfection systems | 4 |
| CPCPWT3029A | Install water pipe systems | 12 |
| **Sub total drainage hours** | | **138** |

|  |  |  |
| --- | --- | --- |
| **Roofing – Requirements 8 core, 4 electives** | | |
| ***Core*** | | |
| CPCPCM2048A | Cut and join sheet metal | 8 |
| CPCPRF2022A | Select and install roof sheeting and wall cladding | 16 |
| CPCPRF2023A | Collect and store roof water | 10 |
| CPCPRF3021A | Receive roofing materials | 4 |
| CPCPRF3022A | Fabricate and install roof drainage components | 48 |
| CPCPRF3023A | Fabricate and install external flashings | 16 |
| CPCPRF3024A | Install roof components | 10 |
| CPCPRF3026A | Install composite roof systems | 20 |
| ***Electives*** | | |
| CPCCCM2008B | Erect and dismantle restricted height scaffolding | 40 |
| CPCCCM2010B | Work safely at heights | 8 |
| CPCCCM3001C | Operate elevated work platforms | 32 |
| CPCPRF3025A | Install roof coverings to curved roof structures | 12 |
| **Sub total roofing hours** | | **224** |

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| **Unit Code** | **Unit Title** | **Hours** |
| **Gas fitting – Requirements 12 core, 5 electives** | | |
| ***Core*** | | |
| CPCPCM2048A | Cut and join sheet metal | 8 |
| CPCPGS3046A | Install LPG systems in caravans, mobile homes and mobile workplaces | 12 |
| CPCPGS3047A | Install LPG systems in marine craft | 12 |
| CPCPGS3048A | Install gas pressure control equipment | 8 |
| CPCPGS3049A | Install Type A gas appliance flues | 12 |
| CPCPGS3051A | Purge consumer piping | 8 |
| CPCPGS3053A | Disconnect and reconnect Type A gas appliances | 16 |
| CPCPGS3054A | Calculate and install natural ventilation for Type A gas appliances | 8 |
| CPCPGS3056A | Install gas piping systems | 24 |
| CPCPGS3057A | Size consumer gas piping systems | 8 |
| CPCPGS3058A | Install and commission Type A gas appliances | 22 |
| CPCPGS3059A | Install LPG storage of aggregate storage capacity up to 500 litres | 4 |
| ***Electives*** | | |
| CPCPCM2049A | Cut using oxy-LPG-acetylene equipment | 8 |
| CPCPGS3050A | Install Type B gas appliance flues | 4 |
| CPCPGS3052A | Maintain Type A gas appliances | 12 |
| CPCPGS3060A | Install LPG storage of aggregate storage capacity exceeding 500 litres and less than 8KL | 6 |
| RIICCM210A | Install trench support | 16 |
| **Sub total gas fitting hours** | | **188** |

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| --- | --- |
| **Total hours: 5 streams – Water, Sanitary, Drainage, Roofing and Gas Services** | **1203** |

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| **Occupation/  Work Function** | General Plumber | |
| **Qualification Title** | Certificate III in Plumbing | |
| **Qualification Code** | CPC32412 | |
| **Description** | This sample training program is appropriate for a person working in the plumbing industry within the industry sectors: **Water**, **Sanitary**, **Mechanical** and **Gas Services**. | |
| **Notes** | On completion of this qualification participants may apply to the Plumbing Industry Commission (PIC) for registration in **Water, Sanitary, Mechanical, and Gas Services**.  This sample qualification also complies with **(CPC08) Construction, Plumbing and Services Training Package** structuring rules, which state that individual competency units gained in one subsector may be used as a credit for any other subsector in which the unit is listed. For further information on choosing electives, refer to the qualification structure and rules within the **(CPC08) Construction, Plumbing and Services Training Package**. ***\*\*Note duplicated units have had their hours removed from sample program calculations***.This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| **Water – Requirements 24 core, 5 electives** | | |
| ***Core*** | | |
| CPCPCM2039A | Carry out interactive workplace communication | 10 |
| CPCPCM2040A | Read plans and calculate plumbing quantities | 8 |
| CPCPCM2041A | Work effectively in the plumbing and services sector | 15 |
| CPCPCM2043A | Carry out WHS requirements | 50 |
| CPCPCM2045A | Handle and store plumbing materials | 6 |
| CPCPCM2046A | Use plumbing hand and power tools | 40 |
| CPCPCM2047A | Carry out levelling | 6 |
| CPCPCM2050A | Mark out materials | 20 |
| CPCPCM2052A | Weld using oxy-acetylene equipment | 16 |
| CPCPCM2053A | Weld using manual metal arc welding equipment | 16 |
| CPCPCM2054A | Carry out simple concreting and rendering | 16 |
| CPCPCM2055A | Work safely on roofs | 20 |
| CPCPCM3021A | Flash penetrations through roofs and walls | 18 |
| CPCPCM3022A | Weld polyethylene and polypropylene pipes using fusion method | 8 |
| CPCPCM3023A | Fabricate and install non-ferrous pressure piping | 12 |
| CPCPFS3031A | Fabricate and install fire hydrant and hose reel systems | 40 |
| CPCPWT3020A | Connect and install storage tanks to a domestic water supply | 12 |
| CPCPWT3021A | Set out and install water services | 36 |

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| **Unit Code** | **Unit Title** | **Hours** |
| CPCPWT3022A | Install and adjust water service controls and devices | 12 |
| CPCPWT3023A | Install and commission water heating systems | 25 |
| CPCPWT3025A | Install water pumpsets | 8 |
| CPCPWT3026A | Fit off and commission heated and cold water services | 16 |
| CPCPWT3027A | Connect irrigation systems from drinking water supply | 6 |
| HLTFA211A | Provide basic emergency life support | 8 |
| ***Electives*** | | |
| CPCPIG2021A | Design domestic urban irrigation systems | 5 |
| CPCPIG3021A | Set out, install and commission irrigation systems | 4 |
| CPCPWT3024A | Install and maintain domestic water treatment equipment | 10 |
| CPCPWT3028A | Install water services | 10 |
| CPCPFS3037A | Install domestic and residential life safety sprinkler systems | 60 |
| **Sub total water hours** | | **513** |

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| --- | --- | --- |
| **Sanitary – Requirements 6 core, 4 electives** | | |
| ***Core*** | | |
| CPCPCM2048A | Cut and join sheet metal | 8 |
| CPCPDR2021A | Locate and clear blockages | 8 |
| CPCPSN3011B | Plan layout of a residential sanitary plumbing system | 8 |
| CPCPSN3022A | Install discharge pipes | 28 |
| CPCPSN3023A | Fabricate and install sanitary stacks | 28 |
| CPCPSN3024A | Install and fit off sanitary fixtures | 20 |
| ***Electives*** | | |
| CPCPCM2049A | Cut using oxy-LPG-acetylene equipment | 8 |
| CPCPSN3025A | Install pre-treatment facilities | 8 |
| CPCPSN3026A | Install sewerage pumpsets | 8 |
| RIICCM210A | Install trench support | 16 |
| **Sub total sanitary hours** | | **140** |

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| **Unit Code** | **Unit Title** | **Hours** |
| **Mechanical services – Requirements 4 core, 11 electives** | | |
| ***Core*** | | |
| CPCPCM2048A | Cut and join sheet metal | 8 |
| CPCPMS2021A | Assemble mechanical services components | 12 |
| CPCPMS3031A | Fabricate and install steel pressure piping | 54 |
| CPCPMS3033A | Install small bore heating systems | 15 |
| ***Electives*** | | |
| CPCPMS3032A | Select and fit insulation and sheathing | 8 |
| CPCPMS3034A | Install medical gas pipeline systems | 24 |
| CPCPMS3035A | Install and test ducting systems | 12 |
| CPCPMS3036A | Install air handling units | 12 |
| CPCPMS3037A | Install and test split system air conditioning | 15 |
| CPCPMS3038A | Install air conditioning control equipment | 8 |
| CPCPMS3039A | Maintain mechanical services equipment | 8 |
| CPCPMS3040A | Install and maintain evaporative air cooling systems | 20 |
| MEM10009B | Install refrigeration and air conditioning plant and equipment | 40 |
| MEM10010B | Install pipework and pipework assemblies | 40 |
| MEM18086B | Test, recover, evacuate and charge refrigeration systems | 40 |
| **Sub total mechanical services hours** | | **316** |

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| **Gas fitting – Requirements 12 core, 5 electives** | | |
| ***Core*** | | |
| CPCPCM2048A | Cut and join sheet metal | 8 |
| CPCPGS3046A | Install LPG systems in caravans, mobile homes and mobile workplaces | 12 |
| CPCPGS3047A | Install LPG systems in marine craft | 12 |
| CPCPGS3048A | Install gas pressure control equipment | 8 |
| CPCPGS3049A | Install Type A gas appliance flues | 12 |
| CPCPGS3051A | Purge consumer piping | 8 |
| CPCPGS3053A | Disconnect and reconnect Type A gas appliances | 16 |
| CPCPGS3054A | Calculate and install natural ventilation for Type A gas appliances | 8 |
| CPCPGS3056A | Install gas piping systems | 24 |
| CPCPGS3057A | Size consumer gas piping systems | 8 |
| CPCPGS3058A | Install and commission Type A gas appliances | 22 |
| CPCPGS3059A | Install LPG storage of aggregate storage capacity up to 500 litres | 4 |

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| **Unit Code** | **Unit Title** | **Hours** |
| ***Electives*** | | |
| CPCPCM2049A | Cut using oxy-LPG-acetylene equipment | 8 |
| CPCPGS3050A | Install Type B gas appliance flues | 4 |
| CPCPGS3052A | Maintain Type A gas appliances | 12 |
| CPCPGS3060A | Install LPG storage of aggregate storage capacity exceeding 500 litres and less than 8KL | 6 |
| RIICCM210A | Install trench support | 16 |
| **Sub total gas fitting hours** | | **188** |

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| **Total hours: 4 streams – Water, Sanitary, Mechanical Services and Gas Services** | **1157** |

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| **Occupation/  Work Function** | General Plumber | |
| **Qualification Title** | Certificate III in Plumbing | |
| **Qualification Code** | CPC32412 | |
| **Description** | This sample training program is appropriate for a person working in the plumbing industry within the industry sectors: **Water, Sanitary, Drainage, Mechanical Services, Roofing** and **Gas Services**. | |
| **Notes** | On completion of this qualification participants may apply to the Plumbing Industry Commission (PIC) for registration in **Water**, **Sanitary**, **Drainage**, **Mechanical Services, Roofing** and **Gas Services**.  This sample qualification also complies with **(CPC08) Construction, Plumbing and Services Training Package** structuring rules, which state that individual competency units gained in one subsector may be used as a credit for any other subsector in which the unit is listed. For further information on choosing electives, refer to the qualification structure and rules within the **(CPC08) Construction, Plumbing and Services Training Package**. ***\*\*Note duplicated units have had their hours removed from sample program calculations****.*This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| **Water – Requirements 24 core, 5 electives** | | |
| ***Core*** | | |
| CPCPCM2039A | Carry out interactive workplace communication | 10 |
| CPCPCM2040A | Read plans and calculate plumbing quantities | 8 |
| CPCPCM2041A | Work effectively in the plumbing and services sector | 15 |
| CPCPCM2043A | Carry out WHS requirements | 50 |
| CPCPCM2045A | Handle and store plumbing materials | 6 |
| CPCPCM2046A | Use plumbing hand and power tools | 40 |
| CPCPCM2047A | Carry out levelling | 6 |
| CPCPCM2050A | Mark out materials | 20 |
| CPCPCM2052A | Weld using oxy-acetylene equipment | 16 |
| CPCPCM2053A | Weld using manual metal arc welding equipment | 16 |
| CPCPCM2054A | Carry out simple concreting and rendering | 16 |
| CPCPCM2055A | Work safely on roofs | 20 |
| CPCPCM3021A | Flash penetrations through roofs and walls | 18 |
| CPCPCM3022A | Weld polyethylene and polypropylene pipes using fusion method | 8 |
| CPCPCM3023A | Fabricate and install non-ferrous pressure piping | 12 |
| CPCPFS3031A | Fabricate and install fire hydrant and hose reel systems | 40 |
| CPCPWT3020A | Connect and install storage tanks to a domestic water supply | 12 |
| CPCPWT3021A | Set out and install water services | 36 |

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| --- | --- | --- |
| **Unit Code** | **Unit Title** | **Hours** |
| CPCPWT3022A | Install and adjust water service controls and devices | 12 |
| CPCPWT3023A | Install and commission water heating systems | 25 |
| CPCPWT3025A | Install water pumpsets | 8 |
| CPCPWT3026A | Fit off and commission heated and cold water services | 16 |
| CPCPWT3027A | Connect irrigation systems from drinking water supply | 6 |
| HLTFA211A | Provide basic emergency life support | 8 |
| ***Electives*** | | |
| CPCPIG2021A | Design domestic urban irrigation systems | 5 |
| CPCPIG3021A | Set out, install and commission irrigation systems | 4 |
| CPCPWT3024A | Install and maintain domestic water treatment equipment | 10 |
| CPCPWT3028A | Install water services | 10 |
| CPCPFS3037A | Install domestic and residential life safety sprinkler systems | 60 |
| **Sub total water hours** | | **513** |

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| --- | --- | --- |
| **Sanitary – Requirements 6 core, 4 electives** | | |
| ***Core*** | | |
| CPCPCM2048A | Cut and join sheet metal | 8 |
| CPCPDR2021A | Locate and clear blockages | 8 |
| CPCPSN3011B | Plan layout of a residential sanitary plumbing system | 8 |
| CPCPSN3022A | Install discharge pipes | 28 |
| CPCPSN3023A | Fabricate and install sanitary stacks | 28 |
| CPCPSN3024A | Install and fit off sanitary fixtures | 20 |
| ***Electives*** | | |
| CPCPCM2049A | Cut using oxy-LPG-acetylene equipment | 8 |
| CPCPSN3025A | Install pre-treatment facilities | 8 |
| CPCPSN3026A | Install sewerage pumpsets | 8 |
| RIICCM210A | Install trench support | 16 |
| **Sub total sanitary hours** | | **140** |

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| **Unit Code** | **Unit Title** | **Hours** |
| **Drainage – Requirements 9 core, 3 electives** | | |
| ***Core*** | | |
| CPCPDR2021A | Locate and clear blockages | 8 |
| CPCPDR2022A | Install domestic treatment plants | 20 |
| CPCPDR2024A | Install stormwater and sub-soil drainage systems | 15 |
| CPCPDR2025A | Drain work site | 5 |
| CPCPDR2026A | Install prefabricated inspection openings and enclosures | 4 |
| CPCPDR3021A | Plan layout of a residential sanitary drainage system | 8 |
| CPCPDR3022A | Install below ground sanitary drainage systems | 30 |
| CPCPDR3023A | Install on-site disposal systems | 8 |
| RIICCM210A | Install trench support | 16 |
| ***Electives*** | | |
| CPCPCM2049A | Cut using oxy-LPG-acetylene equipment | 8 |
| CPCPDR2023A | Maintain effluent disinfection systems | 4 |
| CPCPWT3029A | Install water pipe systems | 12 |
| **Sub total drainage hours** | | **138** |

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| **Mechanical services – Requirements 4 core, 11 electives** | | |
| ***Core*** | | |
| CPCPCM2048A | Cut and join sheet metal | 8 |
| CPCPMS2021A | Assemble mechanical services components | 12 |
| CPCPMS3031A | Fabricate and install steel pressure piping | 54 |
| CPCPMS3033A | Install small bore heating systems | 15 |
| ***Electives*** | | |
| CPCPMS3032A | Select and fit insulation and sheathing | 8 |
| CPCPMS3034A | Install medical gas pipeline systems | 24 |
| CPCPMS3035A | Install and test ducting systems | 12 |
| CPCPMS3036A | Install air handling units | 12 |
| CPCPMS3037A | Install and test split system air conditioning | 15 |
| CPCPMS3038A | Install air conditioning control equipment | 8 |
| CPCPMS3039A | Maintain mechanical services equipment | 8 |
| CPCPMS3040A | Install and maintain evaporative air cooling systems | 20 |
| MEM10009B | Install refrigeration and air conditioning plant and equipment | 40 |
| MEM10010B | Install pipework and pipework assemblies | 40 |
| MEM18086B | Test, recover, evacuate and charge refrigeration systems | 40 |
| **Sub total mechanical services hours** | | **316** |

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| **Unit Code** | **Unit Title** | **Hours** |
| **Roofing – Requirements 8 core, 4 electives** | | |
| ***Core*** | | |
| CPCPCM2048A | Cut and join sheet metal | 8 |
| CPCPRF2022A | Select and install roof sheeting and wall cladding | 16 |
| CPCPRF2023A | Collect and store roof water | 10 |
| CPCPRF3021A | Receive roofing materials | 4 |
| CPCPRF3022A | Fabricate and install roof drainage components | 48 |
| CPCPRF3023A | Fabricate and install external flashings | 16 |
| CPCPRF3024A | Install roof components | 10 |
| CPCPRF3026A | Install composite roof systems | 20 |
| ***Electives*** | | |
| CPCCCM2008B | Erect and dismantle restricted height scaffolding | 40 |
| CPCCCM2010B | Work safely at heights | 8 |
| CPCCCM3001C | Operate elevated work platforms | 32 |
| CPCPRF3025A | Install roof coverings to curved roof structures | 12 |
| **Sub total roofing hours** | | **224** |

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| **Gas fitting – Requirements 12 core, 5 electives** | | |
| ***Core*** | | |
| CPCPCM2048A | Cut and join sheet metal | 8 |
| CPCPGS3046A | Install LPG systems in caravans, mobile homes and mobile workplaces | 12 |
| CPCPGS3047A | Install LPG systems in marine craft | 12 |
| CPCPGS3048A | Install gas pressure control equipment | 8 |
| CPCPGS3049A | Install Type A gas appliance flues | 12 |
| CPCPGS3051A | Purge consumer piping | 8 |
| CPCPGS3053A | Disconnect and reconnect Type A gas appliances | 16 |
| CPCPGS3054A | Calculate and install natural ventilation for Type A gas appliances | 8 |
| CPCPGS3056A | Install gas piping systems | 24 |
| CPCPGS3057A | Size consumer gas piping systems | 8 |
| CPCPGS3058A | Install and commission Type A gas appliances | 22 |
| CPCPGS3059A | Install LPG storage of aggregate storage capacity up to 500 litres | 4 |

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| **Unit Code** | **Unit Title** | **Hours** |
| ***Electives*** | | |
| CPCPCM2049A | Cut using oxy-LPG-acetylene equipment | 8 |
| CPCPGS3050A | Install Type B gas appliance flues | 4 |
| CPCPGS3052A | Maintain Type A gas appliances | 12 |
| CPCPGS3060A | Install LPG storage of aggregate storage capacity exceeding 500 litres and less than 8KL | 6 |
| RIICCM210A | Install trench support | 16 |
| **Sub total gas fitting hours** | | **188** |

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| **Total hours: 6 streams – Water, Sanitary, Drainage, Mechanical Services, Roofing and Gas Services** | **1519** |

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| **Occupation/  Work Function** | Fire Protection Systems Technician | |
| **Qualification Title** | Certificate III in Fire Protection | |
| **Qualification Code** | CPC32812 | |
| **Description** | This sample training program is appropriate for a person working in installing, testing and maintaining fire protection systems. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCPCM2039A | Carry out interactive workplace communication | 10 |
| CPCPCM2040A | Read plans and calculate plumbing quantities | 8 |
| CPCPCM2041A | Work effectively in the plumbing and services sector | 15 |
| CPCPCM2043A | Carry out WHS requirements | 50 |
| CPCPCM2045A | Handle and store plumbing materials | 6 |
| CPCPCM2046A | Use plumbing hand and power tools | 40 |
| CPCPCM2047A | Carry out levelling | 6 |
| CPCPCM2048A | Cut and join sheet metal | 8 |
| CPCPCM2049A | Cut using oxy-LPG-acetylene equipment | 8 |
| CPCPCM2050A | Mark out materials | 20 |
| CPCPCM2052A | Weld using oxy-acetylene equipment | 16 |
| CPCPCM2053A | Weld using manual metal arc welding equipment | 16 |
| CPCPCM3023A | Fabricate and install non-ferrous pressure piping | 12 |
| CPCPFS2021A | Connect static storage tanks for fixed fire protection systems | 60 |
| CPCPFS3030A | Design pre-calculated fire sprinkler systems | 60 |
| CPCPFS3031A | Fabricate and install fire hydrant and hose reel systems | 40 |
| CPCPFS3032A | Install distribution and range pipes | 80 |
| CPCPFS3033A | Fit off sprinkler heads, controls and ancillary equipment | 40 |
| CPCPFS3034A | Install control valve assemblies, actuating devices and local alarms | 100 |
| CPCPFS3035A | Test fire protection systems for pressure | 16 |
| CPCPFS3036A | Install special hazard systems | 45 |
| CPCPFS3037A | Install domestic and residential life safety sprinkler systems | 60 |
| CPCPFS3038A | Test and maintain fire hydrant and hose reel installations | 60 |
| CPCPFS3039A | Test and maintain automatic fire sprinklers | 60 |

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| **Unit Code** | **Unit Title** | **Hours** |
| CPCPMS3031A | Fabricate and install steel pressure piping | 54 |
| CPCPWT3025A | Install water pumpsets | 8 |
| CPCPWT3028A | Install water services | 10 |
| CPPFES2025A | Inspect, test and maintain gaseous fire-suppression systems | 45 |
| CPPFES2043A | Prevent ozone depleting substance and synthetic greenhouse gas emissions | 15 |
| CPPFES2047A | Inspect and test control and indicating equipment | 25 |
| HLTFA211A | Provide basic emergency life support | 8 |
| ***Electives*** | | |
| CPCCCM3001C | Operate elevated work platforms | 32 |
| CPCPFS3040A | Conduct basic functional testing of water-based fire-suppression systems | 40 |
| CPCPFS3041A | Inspect and test fire pumpsets | 40 |
| CPCPFS3042A | Conduct annual functional testing of complex water-based fire-suppression systems | 60 |
| CPCPFS3043A | Conduct functional water flow testing | 32 |
| RIICCM210A | Install trench support | 16 |
| **Total hours** | | **1221** |

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| **Occupation/  Work Function** | Builder/Construction Manager | |
| **Qualification Title** | Certificate IV in Building and Construction (Building) | |
| **Qualification Code** | CPC40110 | |
| **Description** | This is a sample training program appropriate for a builder and manager of a small to medium-sized building business. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBSMB406A | Manage small business finances | 60 |
| CPCCBC4001A | Apply building codes and standards to the construction process for low rise building projects | 40 |
| CPCCBC4002A | Manage occupational health and safety in the building and construction workplace | 40 |
| CPCCBC4003A | Select and prepare a construction contract | 40 |
| CPCCBC4004A | Identify and produce estimated costs for building and construction projects | 60 |
| CPCCBC4005A | Produce labour and material schedules for ordering | 40 |
| CPCCBC4006B | Select, procure and store construction materials for low rise projects | 40 |
| CPCCBC4007A | Plan building or construction work | 40 |
| CPCCBC4008B | Conduct on-site supervision of building and construction projects | 40 |
| CPCCBC4009B | Apply legal requirements to building and construction projects | 50 |
| CPCCBC4010B | Apply structural principles to residential low rise constructions | 160 |
| CPCCBC4011B | Apply structural principles to commercial low rise constructions | 80 |
| CPCCBC4012B | Read and interpret plans and specifications | 30 |
| ***Electives*** | | |
| CPCCBC4014A | Prepare simple building sketches and drawings | 40 |
| CPCCBC4018A | Apply site surveys and set-out procedures to building and construction projects | 40 |
| CPCCBC4020A | Build thermally efficient and sustainable structures | 40 |
| **Total hours** | | **840** |

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| **Occupation/  Work Function** | Contract Administrator | |
| **Qualification Title** | Certificate IV in Building and Construction (Contract Administration) | |
| **Qualification Code** | CPC40208 | |
| **Description** | This is a sample training program appropriate for a person interested in working as a contract administrator in the building and construction industry in small to medium-sized enterprises. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBOHS201A | Participate in OHS processes | 20 |
| CPCCBC4003A | Select and prepare a construction contract | 40 |
| CPCCBC4006B | Select, procure and store construction materials for low rise projects | 40 |
| CPCCBC4012B | Read and interpret plans and specifications | 30 |
| CPCCBC4016A | Administer a construction contract | 20 |
| CPCCBC4026A | Arrange building applications and approvals | 20 |
| CPCCBC4029B | Apply construction information to the sales process | 20 |
| CPCCBC4031A | Process client requirements | 20 |
| CPCCBC4032A | Apply contract law to sales processes | 20 |
| ***Electives*** | | |
| BSBITU202A | Create and use spreadsheets | 30 |
| BSBPMG407A | Apply risk management techniques | 40 |
| BSBPMG510A | Manage projects | 60 |
| BSBWOR401A | Establish effective workplace relationships | 50 |
| CPCCBC4013A | Prepare and evaluate tender documentation | 20 |
| CPCCBC4024A | Resolve business disputes | 20 |
| **Total hours** | | **450** |

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| --- | --- | --- |
| **Occupation/  Work Function** | Building Estimator and Scheduler | |
| **Qualification Title** | Certificate IV in Building and Construction (Estimating) | |
| **Qualification Code** | CPC40308 | |
| **Description** | This is a sample training program appropriate for a person interested in working as an estimator or scheduler in the building and construction field. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBPMG407A | Apply risk management techniques | 40 |
| CPCCBC4001A | Apply building codes and standards to the construction process for low rise building projects | 40 |
| CPCCBC4004A | Identify and produce estimated costs for building and construction projects | 60 |
| CPCCBC4005A | Produce labour and material schedules for ordering | 40 |
| CPCCBC4010B | Apply structural principles to residential low rise constructions | 160 |
| CPCCBC4011B | Apply structural principles to commercial low rise constructions | 80 |
| CPCCBC4012B | Read and interpret plans and specifications | 30 |
| CPCCBC4013A | Prepare and evaluate tender documentation | 20 |
| ***Electives*** | | |
| BSBITU202A | Create and use spreadsheets | 30 |
| CPCCBC4006B | Select, procure and store construction materials for low rise projects | 40 |
| CPCCBC4014A | Prepare simple building sketches and drawings | 40 |
| CPCCBC4015A | Prepare specifications for all construction works | 20 |
| CPCCBC4016A | Administer a construction contract | 20 |
| CPCCBC4017A | Arrange resources and prepare for the building or construction project | 20 |
| CPCCBC4021A | Minimise waste on the building and construction site | 20 |
| **Total hours** | | **660** |

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| **Occupation/  Work Function** | Building Sales Consultant | |
| **Qualification Title** | Certificate IV in Building and Construction (Sales) | |
| **Qualification Code** | CPC40408 | |
| **Description** | This is a sample training program appropriate for a person interested in working as a sales consultant in the building and construction industry. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBOHS201A | Participate in OHS processes | 20 |
| CPCCBC4003A | Select and prepare a construction contract | 40 |
| CPCCBC4012B | Read and interpret plans and specifications | 30 |
| CPCCBC4027B | Establish a basis for sales consulting | 20 |
| CPCCBC4029B | Apply construction information to the sales process | 20 |
| CPCCBC4030A | Analyse and communicate industry information | 20 |
| CPCCBC4031A | Process client requirements | 20 |
| CPCCBC4032A | Apply contract law to sales processes | 20 |
| CPCCBC4033A | Maintain the sales environment | 20 |
| ***Electives*** | | |
| CPCCBC4025A | Manage personal work priorities and professional development | 20 |
| BSBCUS402B | Address customer needs | 50 |
| BSBSLS403A | Present a sales solution | 60 |
| BSBSLS404A | Secure prospect commitment | 20 |
| BSBWRT401A | Write complex documents | 50 |
| CPPDSM4014A | Market property for sale | 30 |
| **Total hours** | | **440** |

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| --- | --- | --- |
| **Occupation/  Work Function** | Building Site Manager or Supervisor | |
| **Qualification Title** | Certificate IV in Building and Construction (Site Management) | |
| **Qualification Code** | CPC40508 | |
| **Description** | This is a sample training program appropriate for a person interested in working as a site manager or supervisor in the building and construction industry. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBWOR402A | Promote team effectiveness | 50 |
| CPCCBC4001A | Apply building codes and standards to the construction process for low rise building projects | 40 |
| CPCCBC4002A | Manage occupational health and safety in the building and construction workplace | 40 |
| CPCCBC4007A | Plan building or construction work | 40 |
| CPCCBC4008B | Conduct on-site supervision of building and construction projects | 40 |
| CPCCBC4009B | Apply legal requirements to building and construction projects | 50 |
| CPCCBC4010B | Apply structural principles to residential low rise constructions | 160 |
| CPCCBC4011B | Apply structural principles to commercial low rise constructions | 80 |
| CPCCBC4012B | Read and interpret plans and specifications | 30 |
| ***Electives*** | | |
| BSBITU202A | Create and use spreadsheets | 30 |
| BSBPMG510A | Manage projects | 60 |
| CPCCBC4017A | Arrange resources and prepare for the building or construction project | 20 |
| CPCCBC4021A | Minimise waste on the building and construction site | 20 |
| CPCCBC4024A | Resolve business disputes | 20 |
| CPCSUS4001A | Implement and monitor environmentally sustainable work practices | 40 |
| **Total hours** | | **720** |

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| **Occupation/  Work Function** | Heritage Restorer | |
| **Qualification Title** | Certificate IV in Building and Construction (Specialist Trades) | |
| **Qualification Code** | CPC40611 | |
| **Description** | This is a sample training program appropriate for a person interested in working as a heritage restorer in the building and construction industry. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V7.0.  ***Note please visit the packaging rules for entry requirements in the specialist trade area of heritage restoration.*** | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBOHS404B | Contribute to the implementation of strategies to control OHS risk | 40 |
| CPCCBC4004A | Identify and produce estimated costs for building and construction projects | 60 |
| CPCCBC4012B | Read and interpret plans and specifications | 30 |
| CPCCBC4034A | Apply codes and standards to building trade and services contracting | 40 |
| ***Electives*** | | |
| CPCCBC4020A | Build thermally efficient and sustainable structures | 40 |
| CPCCBC4021A | Minimise waste on the building and construction site | 20 |
| CPCCBC4035A | Initiate the heritage works process | 20 |
| CPCCBC4036A | Prepare to undertake the heritage restoration process | 40 |
| CPCCBC4037A | Prepare drawings for heritage works | 40 |
| CPCCBC4038A | Prepare work plans for restoration work | 20 |
| CPCCBC4039A | Undertake the heritage restoration process | 40 |
| CPCCBC4040A | Prepare report for heritage restoration work | 20 |
| CPCCBC4051A | Supervise asbestos removal | 8 |
| BSBMGT403A | Implement continuous improvement | 40 |
| CPCSUS4001A | Implement and monitor environmentally sustainable work practices | 40 |
| **Total hours** | | **498** |

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| --- | --- | --- |
| **Occupation/  Work Function** | Trade Contractor | |
| **Qualification Title** | Certificate IV in Building and Construction (Trade Contracting) | |
| **Qualification Code** | CPC40708 | |
| **Description** | This is a sample training program appropriate for a person interested in managing a trade contracting business in the building and construction industry. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBCUS301B | Deliver and monitor a service to customers | 35 |
| BSBSMB406A | Manage small business finances | 60 |
| BSBWOR401A | Establish effective workplace relationships | 50 |
| CPCCBC4002A | Manage occupational health and safety in the building and construction workplace | 40 |
| CPCCBC4004A | Identify and produce estimated costs for building and construction projects | 60 |
| CPCCBC4005A | Produce labour and material schedules for ordering | 40 |
| CPCCBC4008B | Conduct on-site supervision of building and construction projects | 40 |
| CPCCBC4012B | Read and interpret plans and specifications | 30 |
| CPCCBC4024A | Resolve business disputes | 20 |
| CPCCBC4034A | Apply codes and standards to building trade and services contracting | 40 |
| ***Electives*** | | |
| BSBPMG510A | Manage projects | 60 |
| CPCCBC4003A | Select and prepare a construction contract | 40 |
| CPCCBC4007A | Plan building or construction work | 40 |
| CPCCBC4013A | Prepare and evaluate tender documentation | 20 |
| CPCCBC4017A | Arrange resources and prepare for the building or construction project | 20 |
| **Total hours** | | **595** |

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| **Occupation/  Work Function** | Swimming Pool and Spa Builder | |
| **Qualification Title** | Certificate IV in Swimming Pool and Spa Building | |
| **Qualification Code** | CPC40808 | |
| **Description** | This is a sample training program appropriate for a person interested in trade contracting for swimming pool and spa construction. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBCUS301B | Deliver and monitor a service to customers | 35 |
| BSBSMB406A | Manage small business finances | 60 |
| CPCCBC4002A | Manage occupational health and safety in the building and construction workplace | 40 |
| CPCCBC4003A | Select and prepare a construction contract | 40 |
| CPCCBC4004A | Identify and produce estimated costs for building and construction projects | 60 |
| CPCCBC4005A | Produce labour and material schedules for ordering | 40 |
| CPCCBC4007A | Plan building or construction work | 40 |
| CPCCBC4008B | Conduct on-site supervision of building and construction projects | 40 |
| CPCCBC4009B | Apply legal requirements to building and construction projects | 50 |
| CPCCBC4012B | Read and interpret plans and specifications | 30 |
| CPCCBC4014A | Prepare simple building sketches and drawings | 40 |
| CPCCBC4018A | Apply site surveys and set-out procedures to building and construction projects | 40 |
| CPCCBC4024A | Resolve business disputes | 20 |
| CPCCBC4034A | Apply codes and standards to building trade and services contracting | 40 |
| CPCCBC4048A | Apply building codes and standards to the construction process for swimming pools and spas | 40 |
| CPCCBC4049A | Apply structural principles to construction of swimming pools and spas | 30 |
| CPCCBC4050A | Select, procure and store construction materials for swimming pools and spa projects | 24 |
| ***Electives*** | | |
| CPCCBC4021A | Minimise waste on the building and construction site | 20 |
| **Total hours** | | **689** |

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| **Occupation/  Work Function** | Fire Services Supervisor | |
| **Qualification Title** | Certificate IV in Plumbing and Services specialising in the Fire Services stream | |
| **Qualification Code** | CPC40912 | |
| **Description** | This sample training program is appropriate for experienced fire operators with responsibility for project design and supervision in the Fire Services stream. This sample addresses the Victorian licence requirements for water and the licence endorsement for fire services. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBCUS301B | Deliver and monitor a service to customers | 35 |
| BSBOHS403B | Identify hazards and assess OHS risks | 60 |
| CPCCBC4012B | Read and interpret plans and specifications | 30 |
| CPCCBC4015A | Prepare specifications for all construction works | 20 |
| CPCPCM4011A | Carry out work-based risk control processes | 24 |
| CPCPCM4012A | Estimate and cost work | 40 |
| CPCPCM4013A | Produce 2-D architectural drawings using CAD software | 40 |
| CPCPCM4014A | Prepare simple sketches and drawings | 20 |
| ***Electives*** | | |
| BSBSMB401A | Establish legal and risk management requirements of small business | 60 |
| CPCCBC4008B | Conduct on-site supervision of building and construction projects | 40 |
| CPCPFS4021A | Commission domestic and residential fire suppression sprinkler systems | 16 |
| CPCPFS4022A | Commission and maintain special hazard fire suppression systems | 20 |
| CPCPFS4023A | Commission fire system pumpsets | 16 |
| CPCPFS4024A | Design residential and domestic fire sprinkler systems | 50 |
| CPCPFS4025A | Commission fire alarm and detection system interface devices | 60 |
|  | **Total hours** | **531** |

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| **Occupation/ Work Function** | Air Conditioning Technician | |
| **Qualification Title** | Certificate IV in Plumbing and Services specialising in Air Conditioning and Mechanical Services stream | |
| **Qualification Code** | CPC40912 | |
| **Description** | This sample training program is appropriate for an experienced plumbing service operators with responsibility for project design and supervision (Air conditioning and mechanical services stream) This sample addresses the Victorian licence requirements for the **Mechanical Services, Water, Sanitary** and **Gas Fitting** streams. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBCUS301B | Deliver and monitor a service to customers | 35 |
| BSBOHS403B | Identify hazards and assess OHS risks | 60 |
| CPCCBC4012B | Read and interpret plans and specifications | 30 |
| CPCCBC4015A | Prepare specifications for all construction works | 20 |
| CPCPCM4011A | Carry out work-based risk control processes | 24 |
| CPCPCM4012A | Estimate and cost work | 40 |
| CPCPCM4013A | Produce 2-D architectural drawings using CAD software | 40 |
| CPCPCM4014A | Prepare simple sketches and drawings | 20 |
| ***Electives*** | | |
| BSBSMB401A | Establish legal and risk management requirements of small business | 60 |
| CPCPGS4011B | Design and size consumer gas installations | 60 |
| CPCPMS4011B | Design, size and lay out heating and cooling systems | 160 |
| CPCPMS4022A | Commission air and water systems | 132 |
| CPCPWT4011B | Design and size heated and cold water services and systems | 80 |
| CPCPWT4022A | Commission and maintain backflow prevention devices | 20 |
| CPCPSN4011B | Design and size sanitary plumbing systems | 50 |
| **Total hours** | | **831** |

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| **Occupation/  Work Function** | Plumbers who manage a plumbing business | |
| **Qualification Title** | Certificate IV in Plumbing and Services specialising in Plumbing Services Management stream | |
| **Qualification Code** | CPC40912 | |
| **Description** | This sample training program is appropriate for a person who wishes to manage a plumbing business. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBOHS403B | Identify hazards and assess OHS risks | 60 |
| CPCCBC4012B | Read and interpret plans and specifications | 30 |
| CPCPCM4011A | Carry out work-based risk control processes | 24 |
| CPCPCM4012A | Estimate and cost work | 40 |
| BSBCUS301B | Deliver and monitor a service to customers | 35 |
| BSBSMB401A | Establish legal and risk management requirements of small business | 60 |
| BSBSMB402A | Plan small business finances | 50 |
| BSBSMB404A | Undertake small business planning | 50 |
| BSBSMB405B | Monitor and manage small business operations | 45 |
| CPCCBC4034A | Apply codes and standards to building trade and services contracting | 40 |
| ***Electives*** | | |
| CPCPGS4011B | Design and size consumer gas installations | 60 |
| CPCPMS4011B | Design, size and lay out heating and cooling systems | 160 |
| CPCPRF4011B | Design and size roof drainage systems | 60 |
| CPCPSN4011B | Design and size sanitary plumbing systems | 50 |
| CPCPWT4011B | Design and size heated and cold water services and systems | 80 |
| **Total hours** | | **844** |

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| **Occupation/ Work Function** | Specialist Plumbing Services Tradespersons and Operators | |
| **Qualification Title** | Certificate IV in Plumbing Services specialising in Operations stream | |
| **Qualification Code** | CPC40912 | |
| **Description** | This sample training program is appropriate for specialist plumbing services tradespersons and operators seeking to deepen their technical skills (Plumbing and services – Operations stream). This sample addresses the Victorian licence requirements for **Water, Drainage, Sanitary, Roofing, Mechanical Services and Gas Fitting** streams. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBOHS403B | Identify hazards and assess OHS risks | 60 |
| CPCCBC4012B | Read and interpret plans and specifications | 30 |
| CPCPCM4011A | Carry out work-based risk control processes | 24 |
| CPCPCM4012A | Estimate and cost work | 40 |
| BSBSMB401A | Establish legal and risk management requirements of small business | 60 |
| CPCPDR4011B | Design and size sanitary drainage systems | 40 |
| CPCPDR4012B | Design and size stormwater drainage systems | 45 |
| CPCPDR4013B | Design and size domestic treatment plant disposal systems | 35 |
| CPCPGS4011B | Design and size consumer gas installations | 60 |
| CPCPRF4011B | Design and size roof drainage systems | 60 |
| CPCPSN4011B | Design and size sanitary plumbing systems | 50 |
| CPCPWT4011B | Design and size heated and cold water services and systems | 80 |
| ***Electives*** | | |
| CPCPFS4021A | Commission domestic and residential fire suppression sprinkler systems | 16 |
| CPCPFS4024A | Design residential and domestic fire sprinkler systems | 50 |
| CPCPMS4011B | Design, size and lay out heating and cooling systems | 160 |
| **Total hours** | | **810** |

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| --- | --- | --- |
| **Occupation/ Work Function** | Specialist Hydraulic Designer | |
| **Qualification Title** | Certificate IV in Plumbing and Services specialising in Hydraulic Service Design | |
| **Qualification Code** | CPC40912 | |
| **Description** | This sample training program is appropriate for specialist hydraulic consultants wanting to design hydraulic systems. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBOHS403B | Identify hazards and assess OHS risks | 60 |
| CPCCBC4012B | Read and interpret plans and specifications | 30 |
| CPCPCM4011A | Carry out work-based risk control processes | 24 |
| CPCPCM4012A | Estimate and cost work | 40 |
| CPCCBC4034A | Apply codes and standards to building trade and services contracting | 40 |
| CPCPDR4011B | Design and size sanitary drainage systems | 40 |
| CPCPDR4012B | Design and size stormwater drainage systems | 45 |
| CPCPDR4013B | Design and size domestic treatment plant disposal systems | 35 |
| CPCPSN4011B | Design and size sanitary plumbing systems | 50 |
| CPCPWT4011B | Design and size heated and cold water services and systems | 80 |
| ***Electives*** | | |
| CPCPFS4021A | Commission domestic and residential fire suppression sprinkler systems | 16 |
| CPCPFS4024A | Design residential and domestic fire sprinkler systems | 50 |
| CPCPCM4013A | Produce 2-D architectural drawings using CAD software | 40 |
| CPCPGS4011B | Design and size consumer gas installations | 60 |
| BSBSMB401A | Establish legal and risk management requirements of small business | 60 |
| **Total hours** | | **670** |

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| **Occupation/ Work Function** | Building Surveyor | |
| **Qualification Title** | Diploma of Building Surveying | |
| **Qualification Code** | CPC50108 | |
| **Description** | This sample training program is appropriate for a person interested in working as a building surveyor in the building and construction industry. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBADM506B | Manage business document design and development | 80 |
| BSBITS401B | Maintain business technology | 40 |
| CHCCOM403A | Use targeted communication skills to build relationships | 55 |
| CHCCOM504B | Develop, implement and promote effective communication | 80 |
| CPCCSV5001A | Assess the construction of domestic scale buildings | 100 |
| CPCCSV5002A | Evaluate materials for construction of domestic scale buildings | 72 |
| CPCCSV5003A | Produce working drawings for residential buildings | 90 |
| CPCCSV5004A | Apply legislation to urban development and building controls | 36 |
| CPCCSV5005A | Apply footing and geomechanical design principles to domestic scale buildings | 36 |
| CPCCSV5006A | Assess construction faults in residential buildings | 36 |
| CPCCSV5007A | Undertake site surveys and set-out procedures for building projects | 72 |
| CPCCSV5008A | Apply building control legislation to building surveying | 36 |
| CPCCSV5009A | Assess the impact of fire on building materials | 36 |
| CPCCSV5010A | Interact with clients in a regulated environment | 36 |
| CPCCSV5011A | Apply building codes and standards to residential buildings | 36 |
| CPCCSV5012A | Assess timber-framed designs for one and two storey buildings | 36 |
| CPCCSV5013A | Apply principles of energy efficient design to buildings | 36 |
| CPCCSV5014A | Apply building surveying procedures to residential buildings | 36 |
| CPCCSV5015A | Assess structural requirements for domestic scale buildings | 72 |
| ICAICT102A | Operate word-processing applications | 30 |
| ICAICT103A | Use, communicate and search securely on the internet | 50 |
| ICAICT105A | Operate spreadsheet applications | 30 |
| ICAICT201A | Use computer operating systems and hardware | 60 |
| ICAICT210A | Operate database applications | 40 |
| **Total hours** | | **1231** |

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| --- | --- | --- |
| **Occupation/ Work Function** | Builder | |
| **Qualification Title** | Diploma of Building and Construction (Building) | |
| **Qualification Code** | CPC50210 | |
| **Description** | This sample training program is appropriate for a person interested in working as a builder in the building and construction industry, including selecting contractors, overseeing the work and its quality, and liaising with clients. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBOHS504B | Apply principles of OHS risk management | 40 |
| BSBPMG505A | Manage project quality | 40 |
| BSBPMG508A | Manage project risk | 40 |
| CPCCBC4001A | Apply building codes and standards to the construction process for low rise building projects | 40 |
| CPCCBC4003A | Select and prepare a construction contract | 40 |
| CPCCBC4004A | Identify and produce estimated costs for building and construction projects | 60 |
| CPCCBC4010B | Apply structural principles to residential low rise constructions | 160 |
| CPCCBC4013A | Prepare and evaluate tender documentation | 20 |
| CPCCBC5001B | Apply building codes and standards to the construction process for medium rise building projects | 200 |
| CPCCBC5002A | Monitor costing systems on medium rise building and construction projects | 60 |
| CPCCBC5003A | Supervise the planning of on-site medium rise building or construction work | 200 |
| CPCCBC5010B | Manage construction work | 150 |
| CPCCBC5018A | Apply structural principles to the construction of medium rise buildings | 300 |
| ***Electives*** | | |
| CPCCBC4009B | Apply legal requirements to building and construction projects | 50 |
| CPCCBC5005A | Select and manage building and construction contractors | 40 |
| CPCCBC5009A | Identify services layout and connection methods to medium rise construction projects | 140 |
| BSBCUS501C | Manage quality customer service | 40 |
| CPCCBC5012A | Manage the application and monitoring of energy conservation and management practices and processes | 150 |
| **Total hours** | | **1770** |

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| **Occupation/ Work Function** | Senior Manager – Project Manager, Construction Manager, Estimating Manager and Sales Manager | |
| **Qualification Title** | Diploma of Building and Construction (Management) | |
| **Qualification Code** | CPC50308 | |
| **Description** | This sample training program is appropriate for a person interested in working as a senior manager in the building and construction industry. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBFIM501A | Manage budgets and financial plans | 70 |
| BSBHRM402A | Recruit, select and induct staff | 50 |
| BSBMGT515A | Manage operational plan | 60 |
| BSBOHS504B | Apply principles of OHS risk management | 40 |
| BSBWOR502B | Ensure team effectiveness | 60 |
| ***Electives*** | | |
| CPCCBC5001B | Apply building codes and standards to the construction process for medium rise building projects | 200 |
| CPCCBC5002A | Monitor costing systems on medium rise building and construction projects | 60 |
| CPCCBC5003A | Supervise the planning of on-site medium rise building or construction work | 200 |
| CPCCBC5005A | Select and manage building and construction contractors | 40 |
| CPCCBC5007B | Administer the legal obligations of a building or construction contractor | 100 |
| CPCCBC5011A | Manage environmental management practices and processes in building and construction | 150 |
| CPCCBC5013A | Develop professional technical and legal reports on building and construction projects | 40 |
| **Total hours** | | **1070** |

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| **Occupation/  Work Function** | Senior Plumber/Fire Services Specialist | |
| **Qualification Title** | Diploma of Plumbing and Services specialising in Fire Services stream | |
| **Qualification Code** | CPC50412 | |
| **Description** | This sample training program is designed to meet the needs of specialist plumbing professionals in the Fire Services sector of the plumbing and services industry involved in Fire System Design roles. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBOHS504B | Apply principles of OHS risk management | 40 |
| BSBPMG505A | Manage project quality | 40 |
| CPCCSV6010A | Apply fire technology to buildings up to three storeys | 40 |
| CPCPFS5010A | Design fire-compliant hydraulic services | 340 |
| CPCPFS5011A | Design fire sprinkler systems | 440 |
| CPCPFS5012A | Design fire hydrant and hose reel systems | 384 |
| ***Electives*** | | |
| CPCPPS5009B | Analyse and report on technical plumbing systems | 20 |
| CPCPPS5030A | Design pump systems | 30 |
| CPCPPS5011B | Coordinate services and penetrations within a building | 40 |
| CPCPPS5014A | Locate and maintain piping systems | 8 |
| BSBPMG508A | Manage project risk | 40 |
| CPCCBC4034A | Apply codes and standards to building trade and services contracting | 40 |
| **Total hours** | | **1462** |

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| **Occupation/ Work Function** | Senior Plumber/Air Conditioning and Mechanical Services Specialist | |
| **Qualification Title** | Diploma of Plumbing and Services specialising in the Mechanical Services stream | |
| **Qualification Code** | CPC50412 | |
| **Description** | This sample training program is designed to meet the needs of specialist and senior plumbers, fire services professionals and air conditioning and mechanical services professionals with advanced technical skill requirements. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBOHS504B | Apply principles of OHS risk management | 40 |
| BSBPMG505A | Manage project quality | 40 |
| CPCPMS5010A | Design steam generation and distribution systems | 50 |
| CPCPMS5011A | Design air conditioning and ventilation systems | 50 |
| CPCPMS5012A | Design sound attenuated hydraulic services | 45 |
| CPCPMS5013A | Design hydronic heating and cooling systems | 90 |
| ***Electives*** | | |
| CPCPPS5009B | Analyse and report on technical plumbing systems | 20 |
| CPCPPS5030A | Design pump systems | 30 |
| CPCPPS5011B | Coordinate services and penetrations within a building | 40 |
| CPCPPS5014A | Locate and maintain piping systems | 8 |
| BSBPMG508A | Manage project risk | 40 |
| CPCCBC4034A | Apply codes and standards to building trade and services contracting | 40 |
| **Total hours** | | **493** |

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| **Occupation/  Work Function** | Fire System Designer specialising in Water-Based Systems | |
| **Qualification Title** | Diploma in Fire Systems Design – Water-Based Systems stream | |
| **Qualification Code** | CPC50509 | |
| **Description** | This sample training program is designed to meet the needs of specialist plumbing professionals in the Fire Systems Design sector of the plumbing and services industry involved in Water-Based Fire System Design roles. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| CPCSFS5001A | Define scope and hazard level of fire systems design projects | 40 |
| CPCSFS5002A | Research and interpret detailed fire systems design project requirements | 40 |
| CPCSFS5005A | Research and evaluate fire system technologies and components | 60 |
| ***Specialist*** | | |
| CPCPCM4013A | Produce 2-D architectural drawings using CAD software | 40 |
| CPCSFS5003A | Develop plans and methodology for fire systems design projects | 40 |
| CPCSFS5006A | Create detailed designs for fire sprinkler systems | 120 |
| CPCSFS5007A | Create detailed designs for hydrant and hose reel systems | 80 |
| CPCSFS5009A | Create detailed designs for fire systems’ water supplies | 120 |
| CPCSFS5010A | Provide documentation and support for fabrication of fire sprinkler systems | 60 |
| CPCSFS5011A | Provide design documentation and review and support fire system installation processes | 60 |
| CPCSFS5013A | Support commissioning processes and finalise fire systems design projects | 80 |
| **Total hours** | | **760** |

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| **Occupation/  Work Function** | Fire Systems Designer specialising in Detection and Warning Systems | |
| **Qualification Title** | Diploma of Fire Systems Design – Detection and Warning System stream | |
| **Qualification Code** | CPC50509 | |
| **Description** | This sample training program is designed to meet the needs of specialist plumbing professionals in the Fire Systems Design sector of the plumbing and services industry involved in Fire Detection and Warning Design roles. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| CPCSFS5001A | Define scope and hazard level of fire systems design projects | 40 |
| CPCSFS5002A | Research and interpret detailed fire systems design project requirements | 40 |
| CPCSFS5005A | Research and evaluate fire system technologies and components | 60 |
| ***Specialist*** | | |
| CPCPCM4013A | Produce 2-D architectural drawings using CAD software | 40 |
| CPCSFS5003A | Develop plans and methodology for fire systems design projects | 40 |
| CPCSFS5008A | Create detailed designs for fire detection and warning systems | 120 |
| CPCSFS5011A | Provide design documentation and review and support fire system installation processes | 60 |
| CPCSFS5013A | Support commissioning processes and finalise fire systems design projects | 80 |
| ***Electives*** | | |
| BSBCUS501C | Manage quality customer service | 40 |
| CPCCBC4012B | Read and interpret plans and specifications | 30 |
| CPCCSV5009A | Assess the impact of fire on building materials | 36 |
| **Total hours** | | **606** |

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| **Occupation/  Work Function** | Fire System Designer specialising in Annual Certifier Systems | |
| **Qualification Title** | Diploma of Fire Systems Design – Annual Certifier stream | |
| **Qualification Code** | CPC50509 | |
| **Description** | This sample training program is designed to meet the needs of specialist plumbing professionals in the fire sector of the plumbing and services industry involved in Fire System Certifier roles. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| CPCSFS5001A | Define scope and hazard level of fire systems design projects | 40 |
| CPCSFS5002A | Research and interpret detailed fire systems design project requirements | 40 |
| CPCSFS5005A | Research and evaluate fire system technologies and components | 60 |
| ***Specialist*** | | |
| CPCPCM4013A | Produce 2-D architectural drawings using CAD software | 40 |
| CPCSFS5003A | Develop plans and methodology for fire systems design projects | 40 |
| CPCSFS5006A | Create detailed designs for fire sprinkler systems | 120 |
| CPCSFS5007A | Create detailed designs for hydrant and hose reel systems | 80 |
| CPCSFS5009A | Create detailed designs for fire systems’ water supplies | 120 |
| CPCSFS5010A | Provide documentation and support for fabrication of fire sprinkler systems | 60 |
| CPCSFS5011A | Provide design documentation and review and support fire system installation processes | 60 |
| CPCSFS5013A | Support commissioning processes and finalise fire systems design projects | 80 |
| **Total hours** | | **760** |

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| **Occupation/  Work Function** | Fire Systems Designer specialising in Detection and Warning Systems | |
| **Qualification Title** | Diploma of Fire Systems Design – Detection and Warning System stream | |
| **Qualification Code** | CPC50509 | |
| **Description** | This sample training program is designed to meet the needs of specialist plumbing professionals in the Fire Systems Design sector of the plumbing and services industry involved in Fire Detection and Warning Design roles. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| CPCSFS5001A | Define scope and hazard level of fire systems design projects | 40 |
| CPCSFS5002A | Research and interpret detailed fire systems design project requirements | 40 |
| CPCSFS5005A | Research and evaluate fire system technologies and components | 60 |
| ***Specialist*** | | |
| CPCPCM4013A | Produce 2-D architectural drawings using CAD software | 40 |
| CPCSFS5003A | Develop plans and methodology for fire systems design projects | 40 |
| CPCSFS5008A | Create detailed designs for fire detection and warning systems | 120 |
| CPCSFS5011A | Provide design documentation and review and support fire system installation processes | 60 |
| CPCSFS5013A | Support commissioning processes and finalise fire systems design projects | 80 |
| ***Electives*** | | |
| CPCCBC4012B | Read and interpret plans and specifications | 30 |
| CPCCSV5009A | Assess the impact of fire on building materials | 36 |
| BSBCUS501C | Manage quality customer service | 40 |
| **Total hours** | | **606** |

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| **Occupation/  Work Function** | Fire System Designer specialising in Annual Certifier Systems | |
| **Qualification Title** | Diploma of Fire Systems Design – Annual Certifier stream | |
| **Qualification Code** | CPC50509 | |
| **Description** | This sample training program is designed to meet the needs of specialist plumbing professionals in the fire sector of the plumbing and services industry involved in Fire System Certifier roles. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | 20 |
| CPCSFS5001A | Define scope and hazard level of fire systems design projects | 40 |
| CPCSFS5002A | Research and interpret detailed fire systems design project requirements | 40 |
| CPCSFS5005A | Research and evaluate fire system technologies and components | 60 |
| ***Specialist*** | | |
| BSBAUD504B | Report on a quality audit | 60 |
| CPCCBC4012B | Read and interpret plans and specifications | 30 |
| CPCSFS5014A | Conduct annual fire systems certification inspections | 100 |
| CPCSFS5015A | Assess documentation for annual fire systems certification inspections | 60 |
| ***Electives*** | | |
| CPCCSV5009A | Assess the impact of fire on building materials | 36 |
| CPCCBC5009A | Identify services layout and connection methods to medium rise construction projects | 140 |
| CPCSFS5003A | Develop plans and methodology for fire systems design projects | 40 |
| BSBCUS501C | Manage quality customer service | 40 |
| **Total hours** | | **666** |

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| **Occupation/  Work Function** | Hydraulics Design Consultant | |
| **Qualification Title** | Diploma of Hydraulics Services Design | |
| **Qualification Code** | CPC50612 | |
| **Description** | This sample is designed to meet the needs of specialist plumbing professionals in the Hydraulic Design sector who design plumbing and services systems for residential and commercial buildings. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBITU201A | Produce simple word processed documents | 60 |
| BSBITU202A | Create and use spreadsheets | 30 |
| BSBITU301A | Create and use databases | 30 |
| BSBWRT401A | Write complex documents | 50 |
| CPCCBC4012B | Read and interpret plans and specifications | 30 |
| CPCCBC4034A | Apply codes and standards to building trade and services contracting | 40 |
| CPCPCM4013A | Produce 2-D architectural drawings using CAD software | 40 |
| CPCPCM4014A | Prepare simple sketches and drawings | 20 |
| CPCPCM5010A | Design complex sanitary plumbing and drainage systems | 70 |
| CPCPCM5011A | Design complex cold water systems | 70 |
| CPCPCM5012A | Design complex stormwater and roof drainage systems | 55 |
| CPCPCM5013A | Design complex (non-solar) heated water systems | 75 |
| CPCPDR4011B | Design and size sanitary drainage systems | 40 |
| CPCPDR4012B | Design and size stormwater drainage systems | 45 |
| CPCPDR4013B | Design and size domestic treatment plant disposal systems | 35 |
| CPCPFS4024A | Design residential and domestic fire sprinkler systems | 50 |
| CPCPGS4011B | Design and size consumer gas installations | 60 |
| CPCPPS5000B | Design gas bulk storage systems | 80 |
| CPCPPS5001B | Design industrial gas systems | 300 |
| CPCPPS5002B | Design gas reticulation systems | 160 |
| CPCPPS5023A | Design solar water heating systems | 45 |
| CPCPPS5024A | Conduct a water audit and identify water-saving initiatives | 35 |
| CPCPPS5025A | Design grey water re-use systems | 35 |

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| **Unit Code** | **Unit Title** | **Hours** |
| CPCPPS5026A | Design rainwater collection, storage, distribution and re-use systems | 35 |
| CPCPPS5028A | Design trade waste pre-treatment systems | 30 |
| CPCPPS5030A | Design pump systems | 30 |
| CPCPPS5032A | Design siphonic stormwater drainage systems | 30 |
| CPCPSN4011B | Design and size sanitary plumbing systems | 50 |
| CPCPWT4011B | Design and size heated and cold water services and systems | 80 |
| CPCSFS5001A | Define scope and hazard level of fire systems design projects | 40 |
| CPCSFS5007A | Create detailed designs for hydrant and hose reel systems | 80 |
| ***Electives*** | | |
| CPCPPS5014A | Locate and maintain piping systems | 8 |
| CPCPPS5015B | Inspect plumbing and drainage systems | 32 |
| CPCSUS5001A | Develop workplace policies and procedures for sustainability | 50 |
| **Total hours** | | **1920** |

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| **Occupation/  Work Function** | Senior Building Surveyor | |
| **Qualification Title** | Advanced Diploma of Building Surveying | |
| **Qualification Code** | CPC60108 | |
| **Description** | This sample training program is appropriate for a person interested in working as a senior surveyor in the building and construction industry. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBADM506B | Manage business document design and development | 80 |
| BSBITS401B | Maintain business technology | 40 |
| BSBMGT502B | Manage people performance | 70 |
| CHCCOM403A | Use targeted communication skills to build relationships | 55 |
| CHCCOM504B | Develop, implement and promote effective workplace communication | 80 |
| CPCCSV5001A | Assess the construction of domestic scale buildings | 100 |
| CPCCSV5002A | Evaluate materials for construction of domestic scale buildings | 72 |
| CPCCSV5003A | Produce working drawings for residential buildings | 90 |
| CPCCSV5004A | Apply legislation to urban development and building controls | 36 |
| CPCCSV5005A | Apply footing and geomechanical design principles to domestic scale buildings | 36 |
| CPCCSV5006A | Assess construction faults in residential buildings | 36 |
| CPCCSV5007A | Undertake site surveys and set-out procedures for building projects | 72 |
| CPCCSV5008A | Apply building control legislation to building surveying | 36 |
| CPCCSV5009A | Assess the impact of fire on building materials | 36 |
| CPCCSV5010A | Interact with clients in a regulated environment | 36 |
| CPCCSV5011A | Apply building codes and standards to residential buildings | 36 |
| CPCCSV5012A | Assess timber-framed designs for one and two storey buildings | 36 |
| CPCCSV5013A | Apply principles of energy efficient design to buildings | 36 |
| CPCCSV5014A | Apply building surveying procedures to residential buildings | 36 |
| CPCCSV5015A | Assess structural requirements for domestic scale buildings | 72 |
| CPCCSV6001A | Assess the construction of buildings up to three storeys | 72 |
| CPCCSV6002A | Produce working drawings for buildings up to three storeys | 40 |

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| **Unit Code** | **Unit Title** | **Hours** |
| CPCCSV6003A | Assess construction faults in buildings up to three storeys | 40 |
| CPCCSV6004A | Apply footing and geomechanical design principles to buildings up to three storeys | 40 |
| CPCCSV6005A | Evaluate services layout and connection methods for residential and commercial buildings up to three storeys | 40 |
| CPCCSV6006A | Evaluate the use of concrete for residential and commercial buildings up to three storeys | 40 |
| CPCCSV6007A | Assess structural requirements for buildings up to three storeys | 40 |
| CPCCSV6008A | Apply building codes and standards to buildings up to three storeys | 72 |
| CPCCSV6009A | Implement performance-based codes and risk management principles for buildings up to three storeys | 72 |
| CPCCSV6010A | Apply fire technology to buildings up to three storeys | 40 |
| CPCCSV6011A | Apply legal procedures to building surveying | 40 |
| CPCCSV6012A | Facilitate community development consultation | 40 |
| CPCCSV6013A | Coordinate building refurbishment | 72 |
| CPCCSV6014A | Manage and plan land use | 40 |
| CPCCSV6015A | Analyse and present building surveying research information | 90 |
| CPCCSV6016A | Apply building surveying procedures to buildings up to three storeys | 90 |
| ICAICT102A | Operate word-processing applications | 30 |
| ICAICT103A | Use, communicate and search securely on the internet | 50 |
| ICAICT105A | Operate spreadsheet applications | 30 |
| ICAICT201A | Use computer operating systems and hardware | 60 |
| ICAICT210A | Operate database applications | 40 |
| LGAPLEM502A | Apply ecologically sustainable development principles to the built environment | 60 |
| LMFFT4010B | Identify and calculate production costs | 36 |
| **Total hours** | | **2265** |

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| **Occupation/  Work Function** | Senior Construction Manager | |
| **Qualification Title** | Advanced Diploma of Building and Construction (Management) | |
| **Qualification Code** | CPC60212 | |
| **Description** | This sample training program is appropriate for senior managers within building, construction and services firms typically working in larger organisations and managing more complex projects and processes. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| BSBOHS603B | Analyse and evaluate OHS risk | 40 |
| CPCCBC6001B | Apply building codes and standards to the construction process for large building projects | 100 |
| CPCCBC6003A | Establish, maintain and review contract administration procedures and frameworks | 60 |
| CPCCBC6018A | Manage processes for complying with legal obligations of a building or construction contractor | 60 |
| ***Electives*** | | |
| CPCCBC6002A | Generate and direct the development of new projects | 200 |
| CPCCBC6010A | Plan, develop and implement building or construction energy conservation and management practices and processes | 200 |
| CPCCBC6011A | Establish systems to develop and monitor building and construction costs | 80 |
| CPCCBC6013A | Evaluate materials for multi-storey buildings | 60 |
| CPCCBC6014A | Apply structural principles to the construction of large, high rise and complex buildings | 100 |
| CPCCBC6017A | Evaluate services layout and connection methods for the planning of large building projects | 100 |
| **Total hours** | | **1000** |

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| **Occupation/  Work Function** | Senior Fire Systems Design Manager | |
| **Qualification Title** | Vocational Graduate Certificate in Fire Systems Management | |
| **Qualification Code** | CPC70109 | |
| **Description** | This qualification supports the role of senior managers in the Fire Systems Design sector who perform wide-ranging tasks while also exercising in-depth technical skills and knowledge, particularly in the area of special hazard fire suppression and detection systems. | |
| **Notes** | For information on selecting alternative electives to those listed in the sample qualification refer to the **(CPC08) Construction, Plumbing and Services Training Package** qualification structure and rules. This sample program is based on CPC08 V6.1 and V7.0. | |
| **Unit Code** | **Unit Title** | **Hours** |
| ***Core*** | | |
| CPCMCM7001A | Plan and manage complex projects | 60 |
| CPCSFS7001A | Define scope of and initiate special hazard fire systems design projects | 140 |
| CPCSFS7002A | Analyse, design and evaluate complex special hazard fire systems | 80 |
| CPCSFS7003A | Develop and submit tenders for fire systems design solutions | 60 |
| **Total hours** | | **340** |

CONTACTS AND LINKS

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| **Industry Skills Council (ISC)** | | |
| Construction and Property Services Industry Skills Council (CPSISC) | This ISC is responsible for developing the **CPC08 Construction, Plumbing and Services Training Package** and can be contacted for further information. You can also source copies of the Training Package and support material. | Address: PO Box 151  BELCONNEN  ACT 2616  Phone/fax: (02) 6253 0002  Email: [info@cpsisc.com.au](mailto:info@cpsisc.com.au)  Web: <http://www.cpsisc.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, qualifications, courses, units of competency and RTOs. | training.gov.au |
| **Australian Government** | | |
| The Department of Industry, Innovation, Science, Research and Tertiary Education (DIISRTE) | DIISRTE provides a range of services and resources to assist in delivery of Training Packages. Search the DIISRTE website for links to a range of relevant resources and publications. | <http://www.innovation.gov.au>  You may also find Department of Education Employment and Workplace Relations website of use  <http://www.deewr.gov.au> |
| **State Government** | | |
| Department of Education and Early Childhood Development  Higher Education and Skills Group | Higher Education and Skills Group is responsible for funding and the implementation of Vocational Education and Training (VET) in Victoria, including Apprenticeships and Traineeships. | General information:  [www.skills.vic.gov.au](http://www.skills.vic.gov.au/)  Approved Training Schemes:  <http://www.skills.vic.gov.au/corporate/publications/brochures-and-fact-sheets/apprenticeships-and-traineeships-in-victoria-industry-guides> |
| **Curriculum Maintenance Manager (CMM)** | | |
| Building Industries – Building and Construction, Civil Construction, Furnishing and Water | The CMM service is provided by Executive Officers located within Victorian TAFE institutes on behalf of Higher Education and Skills Group. | Name: Tom Vassallo  Address: Holmesglen Institute of TAFE PO Box 42 HOLMESGLEN VIC 3148  Phone/fax: (03) 9564 1987  Email: tom.vassallo@holmesglen.edu.au |
| **State VET Regulatory Authority** | | |
| Victorian Registration and Qualifications Authority (VRQA) | The VRQA is a statutory authority responsible for the registration of education and training providers in Victoria to ensure the delivery of quality education and training. | [www.vrqa.vic.gov.au](http://www.vrqa.vic.gov.au)  Phone: 03 9637 2806 |

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| **National VET Regulatory Authority** | | |
| Australian Skills Quality Authority (ASQA) | ASQA is the national regulator for Australia’s VET sector vocational education and training sector.  ASQA regulates courses and training providers to ensure nationally approved quality standards are met. | [www.asqa.gov.au](http://www.asqa.gov.au)  Info line: 1300 701 801 |
| **Industry Regulatory Body** | | |
| Building Commission | The Building Commission is a statutory authority that oversees the building control system in Victoria | Address: PO Box 536 MELBOURNE VIC 3001  Phone/fax: 1300 815 127  Web: [www.buildingcommission.com.au](http://www.buildingcommission.com.au) |
| 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. | Phone: (03) 9203 9700  Email: info@esv.vic.gov.au  Web: <http://www.esv.vic.gov.au/> |
| **WorkSafe** | | |
| Plumbing Industry Commission (PIC) | The PIC is a Victorian Government statutory authority that provides outcomes through the plumbing regulatory system | Address: PO Box 536 MELBOURNE VIC 3001  Phone/fax: 1300 815 127  Web: [www.pic.vic.gov.au](http://www.pic.vic.gov.au) |
| 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  Web: [www.worksafe.vic.gov.au](http://www.worksafe.vic.gov.au) |
| **Other contacts** | | |
| Master Builders Association of Victoria |  | Website: [www.mbav.com.au](http://www.mbav.com.au)  Phone: (03) 9411 4555 |
| Housing industry Association – Victoria |  | Website: [www.hia.com.au](http://www.hia.com.au)  Phone: (03) 9280 8200 |
| Construction, Forestry, Mining and Energy Union (CFMEU) |  | Website: [www.cfmeuvic.com.au](http://www.cfmeuvic.com.au)  Phone: (03) 9341 3444 |
| Creative Commons |  | Website: [www.creativecommons.org.au/](http://www.creativecommons.org.au/) |
| Construction and Property Services Industry Skills Council |  | Website: [www.cpsisc.com.au](http://www.cpsisc.com.au)  Phone: (02) 6253 0002 |
| Resource Generator |  | Website: [www.resourcegenerator.gov.au](http://www.resourcegenerator.gov.au) |

GLOSSARY

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| **Code** | Nationally endorsed Training Package qualification code. |
| **Title** | Nationally endorsed Training Package qualification title. |
| **Unit Code** | Nationally endorsed Training Package unit code. |
| **Unit Title** | Nationally endorsed Training Package unit title. |
| **Nominal Hours** | The anticipated hours of supervised learning or training deemed necessary to conduct training and assessment activities associated with the program of study. These hours are determined by the Victorian State Training Authority. Nominal hours may vary for a qualification depending on the units of competency selected. |
| **Scope of Registration** | Scope of registration specifies the AQF qualifications and/or units of competency the training organisation is registered to issue and the industry training and/or assessment services it is registered to provide. |