



LRES

Training Management



Building and Construction Qualification Packaging based on Unit Resources Available from LRES Training Management

Last Updated: Thursday, 4 May 2023

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Complete Qualifications

Note: Units highlighted are those available from LRES Training Management

CPC10111 - Certificate I in Construction (Release 3)

To achieve this qualification, the candidate must demonstrate competency in:

- 11 units of competency:
- 8 core units
- 3 elective units.

Core units	
CPCCCM1012A	Work effectively and sustainably in the construction industry
CPCCCM1013A	Plan and organise work
CPCCCM1014A	Conduct workplace communication
CPCCCM2001A	Read and interpret plans and specifications
CPCCCM2005B	Use construction tools and equipment
CPCCWHS1001	Prepare to work safely in the construction industry
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
CPCCVE1011A	Undertake a basic construction project
Elective units	
CPCCCM1011A	Undertake basic estimation and costing
CPCCCM1015A	Carry out measurements and calculations
CPCCCM1016A	Identify requirements for safe tilt-up work
CPCCCM2004A	Handle construction materials
CPCCCM2006B	Apply basic levelling procedures
CPCCVE1002B	Undertake a basic computer design project

CPC20112 - Certificate II in Construction (Release 2)

To achieve this qualification, the candidate must demonstrate competency in:

15 units of competency:

- 10 core units
- 5 elective units.

Core units of competency	
Unit code	Unit title
CPCCCM1012A	Work effectively and sustainably in the construction industry
CPCCCM1013A	Plan and organise work
CPCCCM1014A	Conduct workplace communication
CPCCCM1015A	Carry out measurements and calculations
CPCCCM2001A	Read and interpret plans and specifications
CPCCCM2005B	Use construction tools and equipment
CPCCCM2006B	Apply basic levelling procedures
CPCCCM2010B	Work safely at heights
CPCCCO2013A	Carry out concreting to simple forms
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
Elective units of competency	
Unit code	Unit title
CPCCCM2002A	Carry out excavation
CPCCCM2007B	Use explosive power tools
CPCCCM2008B	Erect and dismantle restricted height scaffolding
CPCCCM2009A	Carry out basic demolition
CPCCRI3001A	Operate personnel and materials hoists
CPCCSF2004A	Place and fix reinforcement materials
RIICCM210D	Install trench support
RIIWHS202D	Enter and work in confined spaces
RIIWHS205D	Control traffic with stop-slow bat
RIIWMG203D	Drain and dewater civil construction site
TLILIC2001	Licence to operate a forklift truck

CPC20211 - Certificate II in Construction Pathways (Release 4)

To achieve this qualification, the candidate must demonstrate competency in:

12 units of competency:

- 6 core units
- 6 elective units.

Core units	
CPCCCM1012A	Work effectively and sustainably in the construction industry
CPCCCM1013A	Plan and organise work
CPCCCM1014A	Conduct workplace communication
CPCCCM1015A	Carry out measurements and calculations
CPCCCM2001A	Read and interpret plans and specifications
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
Elective units	
Group A: Brick and blocklaying	
CPCCBL2001A	Handle and prepare bricklaying and blocklaying materials
CPCCBL2002A	Use bricklaying and blocklaying tools and equipment
Group B: Carpentry	
CPCCCA2002B	Use carpentry tools and equipment
CPCCCA2003A	Erect and dismantle formwork for footings and slabs on ground
CPCCCA2011A	Handle carpentry materials
Group C: Solid plastering	
CPCCSP2001A	Handle solid plastering materials
CPCCSP2002A	Use solid plastering tools and equipment
CPCCSP2003A	Prepare surfaces for plastering
Group D: Wall and floor tiling	
CPCCWF2001A	Handle wall and floor tiling materials
CPCCWF2002A	Use wall and floor tiling tools and equipment
CPCCWF3001A	Prepare surfaces for tiling application
Group E: Waterproofing	
CPCCWP2001A	Handle waterproofing materials
CPCCWP2002A	Use waterproofing tools and equipment
CPCCWP2003A	Prepare for construction waterproofing process
CPCCWP2004A	Prepare surfaces for waterproofing application
Group F: Joinery and shopfitting	
CPCCJN2001A	Assemble components
CPCCJN2002B	Prepare for off-site manufacturing process
CPCCSH2001A	Prepare surfaces
Group G: Stonemasonry	
CPCCST2001A	Prepare for stonemasonry construction process

CPCCST2003A	Finish stone
CPCCST2006A	Identify and use stone products
Group H: General elective units	
CPCCCM2004A	Handle construction materials
CPCCCM2006B	Apply basic levelling procedures
CPCCCM2009A	Carry out basic demolition
CPCCCM2010B	Work safely at heights
CPCCCO2013A	Carry out concreting to simple forms
CPCCJN3001A	Use static machines
RIICCM210D	Install trench support
RIIWS205D	Control traffic with stop-slow bat
RIIWMG203D	Drain and dewater civil construction site

CPC30111 - Certificate III in Bricklaying/Blocklaying (Release 3)

To achieve this qualification, the candidate must demonstrate competency in:

- 27 units of competency:
- 21 core units
- 6 elective units.

Core units	
CPCCCA3002A	Carry out setting out
CPCCCM1012A	Work effectively and sustainably in the construction industry
CPCCCM1013A	Plan and organise work
CPCCCM1014A	Conduct workplace communication
CPCCCM1015A	Carry out measurements and calculations
CPCCCM2001A	Read and interpret plans and specifications
CPCCCM2006B	Apply basic levelling procedures
CPCCCM2008B	Erect and dismantle restricted height scaffolding
CPCCCM2009A	Carry out basic demolition
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
Brick and blocklaying field of work	
CPCCBL2001A	Handle and prepare bricklaying and blocklaying materials
CPCCBL2002A	Use bricklaying and blocklaying tools and equipment
CPCCBL3002A	Carry out masonry veneer construction
CPCCBL3003A	Carry out cavity brick construction
CPCCBL3004A	Construct masonry steps and stairs
CPCCBL3005A	Lay masonry walls and corners
CPCCBL3006A	Lay multi-thickness walls and piers
CPCCBL3009A	Install flashings and damp proof course
CPCCBL3010A	Construct masonry arches
CPCCBL3011A	Construct curved walls
CPCCBL3014A	Install fire-rated masonry construction
Elective units	
Group A: Advanced brick and blocklaying	
CPCCBL3001A	Lay paving
CPCCBL3007A	Install glass blockwork
CPCCBL3012A	Construct fireplaces and chimneys
CPCCBL3013A	Construct masonry structural systems
CPCCBL3015A	Construct decorative brickwork
CPCCBL3016A	Construct battered masonry walls and piers
CPCCBL3017A	Carry out tuck pointing to brickwork
CPCCBL3018A	Install aerated autoclaved concrete products
Group B: General elective units	
CPCCCM2007B	Use explosive power tools
CPCCCM2010B	Work safely at heights

CPCCCM3001C	Operate elevated work platforms
CPCCCO2013A	Carry out concreting to simple forms
CPCCSF2004A	Place and fix reinforcement materials
BSBSMB301	Investigate micro business opportunities
BSBSMB406	Manage small business finances

CPC30211 - Certificate III in Carpentry (Release 3)

To achieve this qualification, the candidate must demonstrate competency in:

- 30 units of competency:
- 22 core units
- 8 elective units.

Core units	
CPCCCA2002B	Use carpentry tools and equipment
CPCCCA2011A	Handle carpentry materials
CPCCCA3001A	Carry out general demolition of minor building structures
CPCCCA3002A	Carry out setting out
CPCCCA3023A	Carry out levelling operations
CPCCCM1012A	Work effectively and sustainably in the construction industry
CPCCCM1013A	Plan and organise work
CPCCCM1014A	Conduct workplace communication
CPCCCM1015A	Carry out measurements and calculations
CPCCCM2001A	Read and interpret plans and specifications
CPCCCM2002A	Carry out excavation
CPCCCM2007B	Use explosive power tools
CPCCCM2008B	Erect and dismantle restricted height scaffolding
CPCCCM2010B	Work safely at heights
CPCCCO2013A	Carry out concreting to simple forms
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
Construction and erection of frames, trusses, eaves and roofs field of work	
CPCCCA3003A	Install flooring systems
CPCCCA3004A	Construct wall frames
CPCCCA3005B	Construct ceiling frames
CPCCCA3006B	Erect roof trusses
CPCCCA3007C	Construct pitched roofs
CPCCCA3008B	Construct eaves
Elective units	
Installation field of work	
CPCCCA3010A	Install and replace windows and doors
CPCCCA3012A	Frame and fit wet area fixtures
CPCCCA3013A	Install lining, panelling and moulding
CPCCCA3016A	Construct timber external stairs
Formwork construction field of work	
CPCCCA3018A	Construct, erect and dismantle formwork for stairs and ramps
CPCCCA3019A	Erect and dismantle formwork to suspended slabs, columns, beams and walls
CPCCCA3020A	Erect and dismantle jump form formwork
CPCCCA3021A	Erect and dismantle slip form formwork

General electives	
BSBSMB301	Investigate micro business opportunities
BSBSMB406	Manage small business finances
CPCCCA2003A	Erect and dismantle formwork for footings and slabs on ground
CPCCCA3009B	Construct advanced roofs
CPCCCA3011A	Refurbish timber sashes to window frames
CPCCCA3014A	Construct bulkheads
CPCCCA3015A	Assemble partitions
CPCCCA3017B	Install exterior cladding
CPCCCA3022A	Install curtain walling
CPCCCM3001C	Operate elevated work platforms
CPCCSF2003A	Cut and bend materials using oxy-LPG equipment
CPCCSF2004A	Place and fix reinforcement materials
CPCCWC3003A	Install dry wall passive fire-rated systems
RIICCM210D	Install trench support
RIIWHS202D	Enter and work in confined spaces
RIIWMG203D	Drain and dewater civil construction site

CPC30313 - Certificate III in Concreting (Release 1)

To achieve this qualification, the candidate must demonstrate competency in:

20 units of competency:

- 14 core units
- 6 elective units.

Core units	
CPCCCA2003A	Erect and dismantle formwork for footings and slabs on ground
CPCCCM1012A	Work effectively and sustainably in the construction industry
CPCCCM1013A	Plan and organise work
CPCCCM1014A	Conduct workplace communication
CPCCCM1015A	Carry out measurements and calculations
CPCCCM2001A	Read and interpret plans and specifications
CPCCCM2006B	Apply basic levelling procedures
CPCCCO2021A	Handle concreting materials
CPCCCO2022A	Use and maintain concreting plant, tools and equipment
CPCCCO3041A	Place concrete
CPCCCO3042A	Finish concrete
CPCCCO3043A	Cure concrete
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
CPCCSF2004A	Place and fix reinforcement materials
Elective units	
CPCCCA3001A	Carry out general demolition of minor building structures
CPCCCM1016A	Identify requirements for safe tilt-up work
CPCCCM2007B	Use explosive power tools
CPCCCM2008B	Erect and dismantle restricted height scaffolding
CPCCCO3035A	Assess and specify concrete supply requirements
CPCCCO3036A	Plan concrete work and brief team
CPCCCO3044A	Carry out decorative finishes to concrete
CPCCCO3046A	Repair and rectify concrete
CPCCCO3047A	Cut and core concrete
CPCCCO3048A	Construct tilt panels on site
CPCCCO3049A	Apply and finish sprayed concrete
CPCCCO3050A	Carry out high performance concreting
CPCCCO3051A	Conduct off-form vertical concrete operations
CPCCCO3052A	Conduct concrete boom delivery operations
CPCCCO3053A	Slump test concrete
CPCCCO3054A	Operate concrete agitator trucks
CPCCCO3055A	Install topping slabs
CPCCCLBM3001A	Licence to operate a concrete placing boom
CPCCSF2003A	Cut and bend materials using oxy-LPG equipment
CPCCSF3001A	Apply reinforcement schedule

CPC30318 - Certificate III in Concreting (Release 1)

To achieve this qualification, competency must be demonstrated in:

- 20 units of competency:
- 15 core units
- 5 elective units.

The elective units must ensure the integrity of the AQF qualification level, contribute to a valid, industry-supported vocational outcome, and are to be chosen as follows:

- a minimum of three elective units must be chosen from the Group A concreting elective units listed below
- the remaining two elective units may be chosen from:
 - the remaining Group A concreting elective units listed below
 - the Group B general elective units listed below
 - other units packaged in a Certificate III or Certificate IV qualification in the CPC Construction, Plumbing and Services Training Package, CPC08 Construction, Plumbing and Services Training Package, or other current Training Packages or accredited courses provided they do not duplicate the outcome of another unit already chosen for the qualification.

Prerequisite units of competency

An asterisk against a unit code below indicates that there is a prerequisite requirement that must be met.

In this instance, all units with an asterisk have the following unit as a prerequisite unit:

- CPCCWHS2001 Apply OHS requirements, policies and procedures in the construction industry.

This prerequisite unit must be assessed before assessment of any unit of competency with an asterisk; therefore, it is recommended that the prerequisite unit be the first unit delivered and assessed in the qualification.

Core units	
CPCCCA2003*	Erect and dismantle formwork for footings and slabs on ground
CPCCCM1012	Work effectively and sustainably in the construction industry
CPCCCM1013	Plan and organise work
CPCCCM1014	Conduct workplace communication
CPCCCM1015	Carry out measurements and calculations
CPCCCM2001	Read and interpret plans and specifications
CPCCCM2006	Apply basic levelling procedures
CPCCCO2021*	Handle concreting materials

CPCCCO2022*	Select, check and maintain concreting plant, tools and equipment
CPCCCO3041*	Place concrete
CPCCCO3042*	Finish concrete
CPCCCO3043*	Cure concrete
CPCCCO3053*	Slump-test concrete
CPCCSF2004*	Place and fix reinforcement materials
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
Group A: Concreting elective units	
CPCCCO3035*	Assess and specify concrete supply requirements
CPCCCO3036*	Plan concrete work and brief team
CPCCCO3044*	Apply decorative finishes to concrete
CPCCCO3046*	Repair and rectify concrete
CPCCCO3047*	Cut and core concrete
CPCCCO3048*	Construct tilt panels on site
CPCCCO3049*	Apply and finish sprayed concrete
CPCCCO3050*	Carry out high performance concreting
CPCCCO3051*	Conduct off-form vertical concrete operations
CPCCCO3052*	Conduct concrete boom delivery operations
CPCCCO3054*	Operate concrete agitator trucks
CPCCCO3055*	Install topping slabs
Group B: General elective units	
CPCCCA3001*	Carry out general demolition of minor building structures
CPCCCM1016	Identify requirements for safe tilt-up work
CPCCCM2007*	Use explosive power tools
CPCCCM2008*	Erect and dismantle restricted height scaffolding
CPCCCLBM3001	Licence to operate a concrete placing boom
CPCCSF2003*	Cut and bend materials using oxy-LPG equipment
CPCCSF3001*	Apply reinforcement schedule

CPC40110 - Certificate IV in Building and Construction (Building) (Release 7)

To achieve this qualification, the candidate must demonstrate competency in:

- 16 units of competency:
- 13 core units
- 3 elective units.

Core units	
BSBSMB406A	Manage small business finances
CPCCBC4001A	Apply building codes and standards to the construction process for low rise building projects
CPCCBC4002A	Manage occupational health and safety in the building and construction workplace
CPCCBC4003A	Select and prepare a construction contract
CPCCBC4004A	Identify and produce estimated costs for building and construction projects
CPCCBC4005A	Produce labour and material schedules for ordering
CPCCBC4006B	Select, procure and store construction materials for low rise projects
CPCCBC4007A	Plan building or construction work
CPCCBC4008B	Conduct on-site supervision of building and construction projects
CPCCBC4009B	Apply legal requirements to building and construction projects
CPCCBC4010B	Apply structural principles to residential low rise constructions
CPCCBC4011B	Apply structural principles to commercial low rise constructions
CPCCBC4012B	Read and interpret plans and specifications
Elective units	
BSBLDR403	Promote team effectiveness
BSBITU201	Produce simple word processed documents
BSBITU202	Create and use spreadsheets
BSBITU301	Create and use databases
BSBMGT403	Implement continuous improvement
BSBPMG411	Apply project quality management techniques
BSBPMG415	Apply project risk management techniques
BSBPMG522	Undertake project work
BSBSMB401	Establish legal and risk management requirements of small business
BSBSMB402	Plan small business finances
BSBSMB404	Undertake small business planning
BSBSMB405	Monitor and manage small business operations
BSBLDR402	Lead effective workplace relationships
BSBWRT401	Write complex documents
CPCCBC4013A	Prepare and evaluate tender documentation
CPCCBC4014A	Prepare simple building sketches and drawings
CPCCBC4015A	Prepare specifications for all construction works
CPCCBC4016A	Administer a construction contract
CPCCBC4017A	Arrange resources and prepare for the building or construction project

CPCCBC4018A	Apply site surveys and set-out procedures to building and construction projects
CPCCBC4019A	Apply sustainable building design principles to water management systems
CPCCBC4020A	Build thermally efficient and sustainable structures
CPCCBC4021A	Minimise waste on the building and construction site
CPCCBC4022A	Supervise tilt-up work
CPCCBC4024A	Resolve business disputes
CPCCBC4025A	Manage personal work priorities and professional development
CPCCBC4026A	Arrange building applications and approvals
CPCCBC4051A	Supervise asbestos removal
CPCCWHS1001	Prepare to work safely in the construction industry
CPCSUS4001A	Implement and monitor environmentally sustainable work practices
CPCSUS4002A	Use building science principles to construct energy efficient buildings
CPCSUS4003A	Maximise energy efficiency through applied trade skills
HLTHIR403C	Work effectively with culturally diverse clients and co-workers
TAEDEL402	Plan, organise and facilitate learning in the workplace

CPC40508 - Certificate IV in Building and Construction (Site Management) (Release 6)

To achieve this qualification, the candidate must demonstrate competency in:

- 15 units of competency:
- 9 core units
- 6 elective units.

Core units	
BSBWOR402A	Promote team effectiveness
CPCCBC4001A	Apply building codes and standards to the construction process for low rise building projects
CPCCBC4002A	Manage occupational health and safety in the building and construction workplace
CPCCBC4007A	Plan building or construction work
CPCCBC4008B	Conduct on-site supervision of building and construction projects
CPCCBC4009B	Apply legal requirements to building and construction projects
CPCCBC4010B	Apply structural principles to residential low rise constructions
CPCCBC4011B	Apply structural principles to commercial low rise constructions
CPCCBC4012B	Read and interpret plans and specifications
Elective units	
BSBCUS301	Deliver and monitor a service to customers
BSBITU201	Produce simple word processed documents
BSBITU202	Create and use spreadsheets
BSBITU301	Create and use databases
BSBMGT403	Implement continuous improvement
BSBPMG404A	Apply quality management techniques
BSBPMG407A	Apply risk management techniques
BSBPMG522	Undertake project work
BSBLDR402	Lead effective workplace relationships
BSBWRT401	Write complex documents
CPCCBC4005A	Produce labour and material schedules for ordering
CPCCBC4014A	Prepare simple building sketches and drawings
CPCCBC4015A	Prepare specifications for all construction works
CPCCBC4017A	Arrange resources and prepare for the building or construction project
CPCCBC4018A	Apply site surveys and set-out procedures to building and construction projects
CPCCBC4019A	Apply sustainable building design principles to water management systems
CPCCBC4020A	Build thermally efficient and sustainable structures
CPCCBC4021A	Minimise waste on the building and construction site
CPCCBC4024A	Resolve business disputes
CPCCBC4025A	Manage personal work priorities and professional development
CPCCBC4026A	Arrange building applications and approvals

CPCCBC4028A	Prepare design brief for construction works
CPCCBC4051A	Supervise asbestos removal
CPCCCO4001A	Supervise concreting work
CPCCWHS1001	Prepare to work safely in the construction industry
CPCSUS4001A	Implement and monitor environmentally sustainable work practices
HLTHIR403C	Work effectively with culturally diverse clients and co-workers
TAEDEL402	Plan, organise and facilitate learning in the workplace

CPC50210 - Diploma of Building and Construction (Building) (Release 6)

To achieve this qualification, the candidate must demonstrate competency in:

18 units of competency:

- 13 core units
- 5 elective units.

Core units	
BSBOHS504B	Apply principles of OHS risk management
BSBPMG505A	Manage project quality
BSBPMG508A	Manage project risk
CPCCBC4001A	Apply building codes and standards to the construction process for low rise building projects
CPCCBC4003A	Select and prepare a construction contract
CPCCBC4004A	Identify and produce estimated costs for building and construction projects
CPCCBC4010B	Apply structural principles to residential low rise constructions
CPCCBC4013A	Prepare and evaluate tender documentation
CPCCBC5001B	Apply building codes and standards to the construction process for medium rise building projects
CPCCBC5002A	Monitor costing systems on medium rise building and construction projects
CPCCBC5003A	Supervise the planning of on-site medium rise building or construction work
CPCCBC5010B	Manage construction work
CPCCBC5018A	Apply structural principles to the construction of medium rise buildings
Elective units – Group A	
CPCCBC5004A	Supervise and apply quality standards to the selection of building and construction materials
CPCCBC5005A	Select and manage building and construction contractors
CPCCBC5006B	Apply site surveys and set-out procedures to medium rise building projects
CPCCBC5007B	Administer the legal obligations of a building or construction contractor
CPCCBC5009A	Identify services layout and connection methods to medium rise construction projects
CPCCBC5011A	Manage environmental management practices and processes in building and construction
CPCCBC5012A	Manage the application and monitoring of energy conservation and management practices and processes
CPCCBC5013A	Develop professional technical and legal reports on building and construction projects
CPCSUS5001A	Develop workplace policies and procedures for sustainability
CPCSUS5002A	Develop action plans to retrofit existing buildings for energy efficiency
CPCSUS5003A	Manage energy efficient building methods and strategies

Elective units – Group B	
BSBCUS501	Manage quality customer service
BSBFIM501	Manage budgets and financial plans
BSBHRM509	Manage rehabilitation or return to work programs
BSBINN502	Build and sustain an innovative work environment
BSBITA401	Design databases
BSBITU402	Develop and use complex spreadsheets
BSBITU404	Produce complex desktop published documents
BSBLED502	Manage programs that promote personal effectiveness
BSBMGT502	Manage people performance
BSBMGT517	Manage operational plan
BSBRISK501	Manage risk
BSBSLS502	Lead and manage a sales team
BSBWOR501	Manage personal work priorities and professional development
BSBWOR502	Lead team effectiveness
CPCCBC4005A	Produce labour and material schedules for ordering
CPCCBC4006B	Select, procure and store construction materials for low rise projects
CPCCBC4009B	Apply legal requirements to building and construction projects
CPCCBC4011B	Apply structural principles to commercial low rise constructions
CPCCBC4012B	Read and interpret plans and specifications
CPCCBC4014A	Prepare simple building sketches and drawings
CPCCBC4018A	Apply site surveys and set-out procedures to building and construction projects
CPCCBC4024A	Resolve business disputes
CPCCBC5004A	Supervise and apply quality standards to the selection of building and construction materials
CPCCBC5005A	Select and manage building and construction contractors
CPCCBC5006B	Apply site surveys and set-out procedures to medium rise building projects
CPCCBC5007B	Administer the legal obligations of a building or construction contractor
CPCCBC5009A	Identify services layout and connection methods to medium rise construction projects
CPCCBC5011A	Manage environmental management practices and processes in building and construction
CPCCBC5012A	Manage the application and monitoring of energy conservation and management practices and processes
CPCCBC5013A	Develop professional technical and legal reports on building and construction projects
CPCCBC5014A	Conduct asbestos assessment associated with removal
CPCCWHS1001	Prepare to work safely in the construction industry
CPPDSM5022A	Implement asset management plan

CPC60212 - Advanced Diploma of Building and Construction (Management) (Release 2)

To achieve this qualification, the candidate must demonstrate competency in:

10 units of competency:

- 4 core units
- 6 elective units.

Core units	
BSBOHS603B	Analyse and evaluate OHS risk
CPCCBC6001B	Apply building codes and standards to the construction process for large building projects
CPCCBC6003A	Establish, maintain and review contract administration procedures and frameworks
CPCCBC6018A	Manage processes for complying with legal obligations of a building or construction contractor
Elective units	
BSBMGT617	Develop and implement a business plan
BSBMKG609	Develop a marketing plan
BSBR5K501	Manage risk
CPCCBC6002A	Generate and direct the development of new projects
CPCCBC6005A	Manage tender developments for major projects
CPCCBC6006A	Manage the procurement and acquisition of resources for building or construction projects
CPCCBC6007A	Develop, plan and implement appropriate building or construction environmental management practices and processes
CPCCBC6008A	Develop and implement an appropriate estimating and tendering system
CPCCBC6009A	Develop, plan and implement an appropriate building or construction planning process
CPCCBC6010A	Plan, develop and implement building or construction energy conservation and management practices and processes
CPCCBC6011A	Establish systems to develop and monitor building and construction costs
CPCCBC6012A	Manage and administer development of documentation for building or construction projects
CPCCBC6013A	Evaluate materials for multi-storey buildings
CPCCBC6014A	Apply structural principles to the construction of large, high rise and complex buildings
CPCCBC6015A	Apply building surveying procedures
CPCCBC6016A	Assess construction faults in large building projects
CPCCBC6017A	Evaluate services layout and connection methods for the planning of large building projects

CPCSUS5001A	Develop workplace policies and procedures for sustainability
CPPDSM6002A	Conduct a property investment feasibility study
CPPDSM6008A	Develop strategic facilities management plan

CPC60220 - Advanced Diploma of Building and Construction (Management) (Release 1)

Packaging Rules

To achieve this qualification, the candidate must demonstrate competency in:

- 10 units of competency:
- 4 core units
- 6 elective units.

The elective units are to be chosen as follows:

- up to 6 units from general elective units
- a maximum of two units may be from any training package or accredited course as long as they ensure the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contribute to a valid, industry supported vocational outcome.

Core Units	
BSBWHS516	Contribute to developing, implementing and maintaining an organisation's WHS management system
CPCCBC6001	Apply building codes and standards to the construction process for large building projects
CPCCBC6003	Establish, maintain and review contract administration procedures and frameworks
CPCCBC6018	Manage processes for complying with legal obligations of a building and construction contractor
Elective Units	
BSBOPS601	Develop and implement a business plan
BSBMKG623	Develop a marketing plan
BSBOPS504	Manage risk
CPCCBC6002	Generate and direct the development of new projects
CPCCBC6005	Manage tender developments for major projects
CPCCBC6006	Manage the procurement and acquisition of resources for building and construction projects
CPCCBC6007	Develop, plan and implement building and construction environmental management processes
CPCCBC6008	Develop and implement an estimating and tendering system
CPCCBC6009	Develop, plan and implement a building and construction planning process
CPCCBC6010	Plan, develop and implement building and construction energy conservation and management processes
CPCCBC6011	Establish systems to develop and monitor building and construction costs
CPCCBC6012	Manage and administer development of documentation for building and construction projects
CPCCBC6013	Evaluate concrete performance for multi-storey buildings

CPCCBC6014	Apply structural principles to the construction of large, high-rise and complex buildings
CPCCBC6015	Apply building surveying procedures
CPCCBC6016	Assess construction faults in large building projects
CPCCBC6017	Evaluate services layout and connection methods for the planning of large building projects
CPCSUS5001	Develop workplace policies and procedures for sustainability
CPPDSM6002A	Conduct a property investment feasibility study
CPPDSM6008A	Develop strategic facilities management plan

CPC60121 - Advanced Diploma of Building Surveying (Release 1)

Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 22 units of competency:
- 19 core units
- 3 elective units.

For the elective units:

- up to 3 units may be selected from the elective units listed below
- up to 2 units may be selected from any currently endorsed Training Package or accredited course at Advanced Diploma, Graduate Certificate or Graduate Diploma level.

An asterisk (*) against a unit code below indicates that there is a prerequisite requirement that must be met. Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk. Check the unit of competency for information on specific prerequisite requirements. All prerequisite requirements are packaged in the qualification.

Core units	
CPCCBC4001	Apply building codes and standards to the construction process for Class 1 and 10 buildings
CPCCBC4010*	Apply structural principles to residential and commercial constructions
CPCCBC4012	Read and interpret plans and specifications
CPCCBC4053	Apply building codes and standards to the construction process for Class 2 to 9 Type C buildings
CPCCBS6101	Research and evaluate construction methods and materials for Class 1 and 10 buildings to three storeys
CPCCBS6102	Research and evaluate construction methods and materials for Class 2 to 9 buildings to three storeys
CPCCBS6103	Identify and apply legal and ethical requirements to building surveying functions
CPCCBS6104*	Assess and advise on compliance of design documentation for Class 1 and 10 buildings to three storeys
CPCCBS6105*	Assess and advise on compliance of design documentation for Class 2 to 9 buildings to three storeys
CPCCBS6107	Prepare planning and development applications for buildings to three storeys
CPCCBS6108*	Process building applications for Class 1 and 10 buildings to three storeys
CPCCBS6109*	Process building applications for Class 2 to 9 buildings to three storeys
CPCCBS6110*	Conduct and report on building surveying audits of Class 1 and 10 buildings to three storeys
CPCCBS6112*	Conduct and report on initial construction inspections of Class 1 and 10 buildings to three storeys

CPCCBS6113*	Conduct and report on initial construction inspections of Class 2 to 9 buildings to three storeys
CPCCBS6114*	Conduct and report on advanced and final inspections of Class 1 and 10 buildings to three storeys
CPCCBS6115*	Conduct and report on advanced and final inspections of Class 2 to 9 buildings to three storeys
CPCCBS6116*	Assess and advise on performance solutions for Class 2 to 9 buildings to three storeys
CPCCBS6118*	Assess and advise on performance solutions for Class 1 and 10 buildings to three storeys
Elective units	
CPCCBS6111*	Conduct and report on building surveying audits of Class 2 to 9 buildings to three storeys
CPCCBS6117*	Monitor and advise on construction and compliance upgrade work on buildings to three storeys
CPPACC6002A	Apply performance-based codes and risk management principles to assessing buildings for access
CPPACC6003A	Apply unjustifiable hardship principles to Alternative Building Solutions for access
CPPHES4005	Assess household energy use and efficiency improvements
CPPHES4007	Assess thermal performance of existing residential buildings
PUAFIR518	Conduct and record a Bushfire Attack Level (BAL) assessment

Incomplete Qualifications

Note: Units highlighted are those available from LRES Training Management

CPC20220 - Certificate II in Construction Pathways (Release 4)

Packaging Rules

To achieve this qualification, competency in one of the two occupational streams must be achieved.

- **Construction Pathways**

For the award of the *CPC20220 Certificate II in Construction Pathways*, the candidate must demonstrate competency in 10 units of competency:

- 5 core units
- 5 elective units.

Elective units are to be chosen from at least two but no more than four of groups A to I.

One elective may be chosen from any current training package or accredited course as long as it contributes to a valid industry-supported vocational outcome, maintains the AQF level of this qualification, and does not replicate the content of another unit used to achieve this qualification.

- **Remote Area Building**

For the award of the *CPC20220 Certificate II in Construction Pathways (Remote Area Building)*, the candidate must demonstrate competency in a minimum of 10 units of competency:

- 5 core units
- 5 units can be selected from Group I.

Prerequisite units of competency

An asterisk (*) against a unit code below indicates that there is a prerequisite requirement that must be met. Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk. Check the unit of competency for information on specific prerequisite requirements. All prerequisite requirements are packaged in the qualification.

Core units	
CPCCOM1012	Work effectively and sustainably in the Construction Industry
CPCCOM1013	Plan and organise work
CPCCOM1015	Carry out measurements and calculations
CPCCVE1011	Undertake a basic construction project
CPCCWHS2001	Apply WHS requirements, policies and procedures in the Construction Industry
Elective units	
Group A: Brick and blocklaying	
CPCCBL2001*	Handle and prepare bricklaying and blocklaying materials
CPCCBL2002*	Use bricklaying and blocklaying tools and equipment

Group B: Carpentry	
CPCCCA2002*	Use carpentry tools and equipment
CPCCCA2011*	Handle carpentry materials
Group C: Solid plastering (maximum one unit from this group)	
CPCCSP2001*	Handle solid plastering materials
CPCCSP2002*	Use solid plastering tools and equipment
Group D: Wall and floor tiling (maximum one unit from this group)	
CPCCCM2013*	Undertake basic installation of wall tiles
CPCCWF2002*	Use wall and floor tiling tools and equipment
Group E: Waterproofing (maximum one unit from this group)	
CPCCWP2001*	Handle waterproofing materials
CPCCWP2002*	Use waterproofing tools and equipment
Group F: Joinery (maximum one unit from this group)	
CPCCJN2001*	Assemble components
CPCCJN3004*	Manufacture and assemble joinery components
Group G: Stonemasonry (maximum one unit from this group)	
CPCCST2006*	Identify and use stone products
CPCCST2007*	Use stonemasonry tools, plant and equipment
Group H: Painting and decorating (maximum one unit from this group)	
CPCCPD2011*	Handle and store painting and decorating materials
CPCCPD2012*	Use painting and decorating tools and equipment
Group I: General elective units	
CPCCCM1011	Undertake basic estimation and costing
CPCCCM2004*	Handle construction materials
CPCCCM2006	Apply basic levelling procedures
CPCCCM2009*	Carry out basic demolition
CPCCCM2012*	Work safely at heights
CPCCCO2013*	Carry out concreting to simple forms
CPCCJN3100*	Process materials to produce components using static machines
CPCCPD3021*	Prepare existing coated surfaces for painting
CPCCPD3022*	Apply paint by brush and roller
CPCCSH2003*	Apply and install sealant and sealant devices
CPCCSP2003*	Prepare surfaces for plastering
CPCCWF3004*	Repair wall and floor tiles
CPCPCM2043	Carry out WHS requirements
CPCPCM2055	Work safely on roofs
CPCPRF2022*	Select and install roof sheeting and wall cladding
MEM05050*	Perform routine gas metal arc welding
MEM1101	Undertake manual handling
MEM13015	Work safely and effectively in manufacturing and engineering
MEM16006	Organise and communicate information
RIICCM210E	Install trench support
RIIWHS205E	Control traffic with stop-slow bat
RIIWMG203E	Drain and dewater civil construction site

UEECD0007	Apply work health and safety regulations, codes and practices in the workplace
UEERL0003*	Conduct in-service safety testing of electrical cord connected equipment and cord assemblies

CPC20720 - Certificate II in Drainage (Release 2)

Packaging Rules

To be awarded this qualification, the candidate must achieve competency in:

- 18 units of competency:
- 13 core units
- 5 elective units.

The elective units must ensure the integrity of the AQF alignment and contribute to a valid, industry-supported vocational outcome and are to be chosen as follows:

- 4 elective units must be chosen from electives listed below,
- 1 unit may be chosen from the elective units listed below, or from any relevant nationally endorsed Training Package or accredited course.

An asterisk (*) against a unit code below indicates that the unit has a prerequisite. Please check the unit for information on this. All prerequisites are packaged in the qualification.

Core Units	
CPCPCM2039	Carry out interactive workplace communication
CPCPCM2040*	Read plans, calculate quantities and mark out materials
CPCPCM2041	Work effectively in the plumbing services sector
CPCPCM2043	Carry out WHS requirements
CPCPCM2047*	Carry out levelling
CPCPCM2054*	Carry out simple concreting and rendering
CPCPCM3024*	Prepare simple drawings
CPCPCM3025	Install trench support
CPCPDR2025*	Install stormwater and sub-soil drainage systems and drain work site
CPCPDR2026*	Install prefabricated inspection openings and inspection chambers
CPCPDR3021*	Plan layout and install below ground sanitary drainage systems
CPCPDR3023*	Install on-site domestic wastewater treatment plants and disposal systems
HLTAID011	Provide first aid
Elective Units	
CPCCCM2012*	Work safely at heights
CPCCST2005*	Carry out load slinging of off-site materials
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
CPCPCM2049*	Cut mild steel using oxy-LPG-acetylene equipment
CPCPCM2052*	Weld mild steel using oxy-acetylene equipment
CPCPCM3022*	Weld polymer pipes using fusion method
CPCPDR2021*	Locate and clear blockages
CPCPRF2023*	Collect and store roof water
CPCPSN3025*	Install pre-treatment facilities

CPCPSN3026*	Install sewerage pumpsets
RIICTT306E	Install cure in-place linings for existing pipeline systems
RIIMPO320F	Conduct civil construction excavator operations
RIIWS202E	Enter and work in confined spaces

CPC31411 - Certificate III in Construction Waterproofing (Release 3)

To achieve this qualification, the candidate must demonstrate competency in:

19 units of competency:

- 14 core units
- 5 elective units.

Core units	
CPCCCM1012A	Work effectively and sustainably in the construction industry
CPCCCM1013A	Plan and organise work
CPCCCM1014A	Conduct workplace communication
CPCCCM1015A	Carry out measurements and calculations
CPCCCM2001A	Read and interpret plans and specifications
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
Waterproofing preparation field of work	
CPCCWP2001A	Handle waterproofing materials
CPCCWP2002A	Use waterproofing tools and equipment
CPCCWP2003A	Prepare for construction waterproofing process
CPCCWP2004A	Prepare surfaces for waterproofing application
Waterproofing operations field of work	
CPCCWP3001A	Apply waterproofing process to below ground level wet areas
CPCCWP3002A	Apply waterproofing process to internal wet areas
CPCCWP3003A	Apply waterproofing process to external wet areas
CPCCWP3004A	Apply waterproofing remedial processes
Elective units	
BSBSMB301	Investigate micro business opportunities
BSBSMB406	Manage small business finances
CPCCCA3012A	Frame and fit wet area fixtures
CPCCCM2002A	Carry out excavation
CPCCCM2006B	Apply basic levelling procedures
CPCCCM2007B	Use explosive power tools
CPCCCM2008B	Erect and dismantle restricted height scaffolding
CPCCCM2009A	Carry out basic demolition
CPCCCM2010B	Work safely at heights
CPCCCM3001C	Operate elevated work platforms
CPCCCO2013A	Carry out concreting to simple forms
CPCCSH2003A	Apply and install sealant and sealant devices

AHC30916 - Certificate III in Landscape Construction (Release 2)

Total number of units = 15

- Core Units = 11
- Elective Units = 4

4 units may be selected from units aligned to Certificates II, III or IV in this training package (AHC - Agriculture, Horticulture and Conservation and Land Management Training Package) or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in landscaping and must be chosen to ensure the integrity of the qualification outcome at AQF level 3.

Core Units

Unit Code	Unit Title
AHCDRG301	Install drainage systems
AHCLSC301	Set out site for construction works
AHCLSC302	Construct landscape features using concrete
AHCLSC303	Construct brick and/or block structures and features
AHCLSC305	Construct stone structures and features
AHCLSC306	Implement a paving project
AHCLSC307	Implement a retaining wall project
AHCPCM302	Provide information on plants and their culture
AHCPGD301	Implement a plant establishment program
AHCSOL303	Implement soil improvements for garden and turf areas
AHCWHS301	Contribute to work health and safety processes

Possible Electives

AHCMOM207A	Conduct front end loader operations
AHCPCM201A	Recognise plants
AHCIRG203A	Install micro-irrigation systems
AHCMOM208A	Conduct excavator operations
AHCMOM209A	Conduct dozer operations
AHCWRK313A	Implement and monitor environmentally sustainable work practices
AHCPGD301A	Implement a plant establishment program
AHCIRG204A	Lay irrigation and/or drainage pipes

AHC30921 - Certificate III in Landscape Construction (Release 1)

Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 17 units of competency:
- 10 core units plus
- 7 elective units.

Elective units must ensure the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome. The electives are to be chosen as follows:

- 1 must be from electives group A
- 3 must be from electives group B
- 3 from the remaining elective units, or any currently endorsed Training Package or accredited course.

Core Units

An asterisk (*) next to the unit code indicates that there are prerequisite requirements which must be met when packaging the qualification. Please refer to the Prerequisite requirements table for details.

AHCDRG305	Install drainage systems
AHCLSC311	Set out site for construction works
AHCLSC312*	Construct brick and block structures and features
AHCLSC313	Construct stone structures and features, and install stone cladding
AHCLSC316	Implement a paving project
AHCLSC317	Construct landscape features using concrete
AHCLSC319	Implement a retaining wall project
AHCPCM306	Provide information on plants and their culture
AHCPGD307	Implement a plant establishment program
AHCSOL304	Implement soil improvements for garden and turf areas

Elective Units

Group A

AHCWHS301	Contribute to work health and safety processes
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry

Group B

An asterisk (*) next to the unit code indicates that there are prerequisite requirements which must be met when packaging the qualification. Please refer to the Prerequisite requirements table for details.

AHCBUS407	Cost a project
AHCGRI301	Maintain roof gardens, vertical gardens and green facades
AHCIRG345	Install pressurised irrigation systems
AHCLSC314	Implement a tree transplanting program
AHCLSC315	Implement an outdoor tiling project
AHCLSC318	Erect timber structures and features
AHCLSC320	Install water features
AHCLSC321	Install metal structures and features
AHCMOM213	Operate and maintain chainsaws
AHCMOM304	Operate machinery and equipment
AHPCPM204	Recognise plants
AHPCPM303	Identify plant specimens
AHCPGD310	Implement a landscape maintenance program
AHCWRK309	Apply environmentally sustainable work practices
CPCCCA3018*	Construct, erect and dismantle formwork for stairs and ramps
CPCCCA3028*	Erect and dismantle formwork for footings and slabs on ground
CPCCON3041*	Place concrete
CPCCON3042*	Finish concrete
CPCCON3043*	Cure concrete
MSFFL3063	Install synthetic textile floor coverings to sports facilities and outdoor spaces

Prerequisite requirements

Unit of competency	Prerequisite requirement
AHCLSC312 Construct brick and block structures and features	AHCLSC317 Construct landscape features using concrete
CPCCCA3018 Construct erect and dismantle formwork for stairs and ramps	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CPCCCA3028 Erect and dismantle formwork for footings and slabs on ground	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CPCCON3041 Place concrete	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CPCCON3042 Finish concrete	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CPCCON3043 Cure concrete	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry

CPC31912 - Certificate III in Joinery (Release 3)

To achieve this qualification, the candidate must demonstrate competency in:

30 units of competency:

- 16 core units
- 14 elective units.

Core units	
CPCCCA2002B	Use carpentry tools and equipment
CPCCCA2011A	Handle carpentry materials
CPCCCM1012A	Work effectively and sustainably in the construction industry
CPCCCM1013A	Plan and organise work
CPCCCM1014A	Conduct workplace communication
CPCCCM1015A	Carry out measurements and calculations
CPCCCM2001A	Read and interpret plans and specifications
CPCCCM2006B	Apply basic levelling procedures
CPCCCM2007B	Use explosive power tools
CPCCCM2010B	Work safely at heights
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
<i>Joinery - machining and component manufacture and assembly field of work</i>	
CPCCJN3001A	Use static machines
CPCCJN3002A	Use computer-controlled machinery
CPCCJN3003A	Manufacture components for door and window frames and doors
CPCCJN3004A	Manufacture joinery components
CPCCSH3001A	Set out and assemble cabinets, showcases, wall units, counters and workstations
Elective units	
<i>Joinery - stairs field of work</i>	
CPCCJS3002A	Manufacture stair components for straight flighted stairs
CPCCJS3003A	Assemble and install stairs
CPCCJS3004A	Manufacture and install continuous handrailing and special stair components
CPCCJS3006A	Construct fabricated stairs
CPCCJS3011A	Design and set out stairs
<i>Stair installation field of work</i>	
CPCCCA3010A	Install and replace windows and doors
CPCCCA3012A	Frame and fit wet area fixtures
CPCCCA3013A	Install lining, panelling and moulding
CPCCCA3016A	Construct timber external stairs
General electives	
BSBSMB301	Investigate micro business opportunities
BSBSMB406	Manage small business finances

CPCCCA3001A	Carry out general demolition of minor building structures
CPCCCA3011A	Refurbish timber sashes to window frames
CPCCCA3014A	Construct bulkheads
CPCCCA3015A	Assemble partitions
CPCCJN2001A	Assemble components
CPCCJN2002B	Prepare for off-site manufacturing process
CPCCJN2003A	Package manufactured products for transport
CPCCJN3005A	Cut and install glass
CPCCPD3021A	Prepare surfaces for painting
CPCCSF2003A	Cut and bend materials using oxy-LPG equipment
CPCCSF2004A	Place and fix reinforcement materials
CPCCSH2003A	Apply and install sealant and sealant devices
CPCCSH3005A	Apply and trim decorative finishes
CPCCSH3006A	Apply finishes
CPCCST2005A	Carry out load slinging of off-site materials

CPC31311 - Certificate III in Wall and Floor Tiling (Release 3)

To achieve this qualification, the candidate must demonstrate competency in:

19 units of competency:

- 16 core units
- 3 elective units.

Core units	
CPCCCM1012A	Work effectively and sustainably in the construction industry
CPCCCM1013A	Plan and organise work
CPCCCM1014A	Conduct workplace communication
CPCCCM1015A	Carry out measurements and calculations
CPCCCM2001A	Read and interpret plans and specifications
CPCCCM2006B	Apply basic levelling procedures
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
Wall and floor tiling field of work	
CPCCWF2001A	Handle wall and floor tiling materials
CPCCWF2002A	Use wall and floor tiling tools and equipment
CPCCWF3001A	Prepare surfaces for tiling application
CPCCWF3002A	Fix floor tiles
CPCCWF3003A	Fix wall tiles
CPCCWF3004A	Repair wall and floor tiles
CPCCWF3006A	Carry out mosaic tiling
CPCCWF3007A	Tile curved surfaces
CPCCWP3002A	Apply waterproofing process to internal wet areas
Elective units	
Advanced tiling field of work	
CPCCWF3005A	Carry out decorative tiling
CPCCWF3008A	Tile domestic pools and spas
General electives	
BSBSMB301	Investigate micro business opportunities
BSBSMB406	Manage small business finances
CPCCCM2008B	Erect and dismantle restricted height scaffolding
CPCCCM2010B	Work safely at heights
CPCCCM3001C	Operate elevated work platforms
CPCCCO2013A	Carry out concreting to simple forms

CPC31511 - Certificate III in Formwork/Falsework (Release 3)

To achieve this qualification, the candidate must demonstrate competency in:

- 25 units of competency:
- 19 core units
- 6 elective units.

A maximum of two of the required six elective units may be substituted by selecting relevant units of competency from any Certificate III or IV construction qualification or qualification in another endorsed Training Package.

Some units in this qualification may have prerequisite requirements, which must be met when packaging the qualification. Users are referred to the list of CPC08 units with prerequisite unit requirements available in this Training Package for this purpose.

Core units	
CPCCCA2002B	Use carpentry tools and equipment
CPCCCA2011A	Handle carpentry materials
CPCCCA3001A	Carry out general demolition of minor building structures
CPCCCA3002A	Carry out setting out
CPCCCA3023A	Carry out levelling operations
CPCCCM1012A	Work effectively and sustainably in the construction industry
CPCCCM1013A	Plan and organise work
CPCCCM1014A	Conduct workplace communication
CPCCCM1015A	Carry out measurements and calculations
CPCCCM2001A	Read and interpret plans and specifications
CPCCCM2002A	Carry out excavation
CPCCCM2007B	Use explosive power tools
CPCCCM2008B	Erect and dismantle restricted height scaffolding
CPCCCM2010B	Work safely at heights
CPCCCO2013A	Carry out concreting to simple forms
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
Formwork construction field of work	
CPCCCA2003A	Erect and dismantle formwork for footings and slabs on ground
CPCCCA3018A	Construct, erect and dismantle formwork for stairs and ramps
CPCCCA3019A	Erect and dismantle formwork to suspended slabs, columns, beams and walls
Elective units	
BSBSMB301	Investigate micro business opportunities
BSBSMB406	Manage small business finances
CPCCCA3014A	Construct bulkheads
CPCCCA3015A	Assemble partitions
CPCCCA3016A	Construct timber external stairs

CPCCCA3020A	Erect and dismantle jump form formwork
CPCCCA3021A	Erect and dismantle slip form formwork
CPCCCA3022A	Install curtain walling
CPCCCM3001C	Operate elevated work platforms
CPCCSF2003A	Cut and bend materials using oxy-LPG equipment
CPCCSF2004A	Place and fix reinforcement materials
CPCCWC3003A	Install dry wall passive fire-rated systems
RIICCM210D	Install trench support
RIIWHS202D	Enter and work in confined spaces
RIIWMG203D	Drain and dewater civil construction site

CPC31011 - Certificate III in Solid Plastering (Release 3)

Packaging Rules

To achieve this qualification, the candidate must demonstrate competency in:

- 20 units of competency:
- 15 core units
- 5 elective units.

A maximum of one of the five required elective units may be substituted by selecting relevant units of competency from any Certificate III or IV construction qualification or qualification in another endorsed Training Package.

Some units in this qualification may have prerequisite requirements, which must be met when packaging the qualification. Users are referred to the list of CPC08 units with prerequisite unit requirements available in this Training Package for this purpose.

Core units	
CPCCCM1012A	Work effectively and sustainably in the construction industry
CPCCCM1013A	Plan and organise work
CPCCCM1014A	Conduct workplace communication
CPCCCM1015A	Carry out measurements and calculations
CPCCCM2001A	Read and interpret plans and specifications
CPCCCM2006B	Apply basic levelling procedures
CPCCCM2008B	Erect and dismantle restricted height scaffolding
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
Solid plastering field of work	
CPCCPB3012A	Cut and fix paper-faced cornices
CPCCSP2001A	Handle solid plastering materials
CPCCSP2002A	Use solid plastering tools and equipment
CPCCSP2003A	Prepare surfaces for plastering
CPCCSP3001A	Apply float and render to straight and curved surfaces
CPCCSP3002A	Apply set coats
CPCCSP3004A	Restore and renovate solid plasterwork
Elective units	
Specialist plastering field of work	
CPCCSP3003A	Apply trowelled texture coat finishes
CPCCSP3005A	Install pre-cast decorative mouldings
CPCCSP3006A	Install cast plaster blockwork
CPCCSP3007A	Apply plaster by projection machine
General electives	
BSBSMB301	Investigate micro business opportunities
BSBSMB406	Manage small business finances
CPCCCM2007B	Use explosive power tools

CPCCCM2010B	Work safely at heights
CPCCCM3001C	Operate elevated work platforms
CPCCCO2013A	Carry out concreting to simple forms
CPCCPB3026B	Erect and maintain trestle and plank systems

CPC32420 - Certificate III in Plumbing (Release 3)

Packaging Rules

To be awarded this qualification, competency in one of the four occupational options must be achieved.

OPTION 1: General Plumbing

For the award of the CPC32420 Certificate III in Plumbing (General Plumber) a minimum of 58 units are to be completed as follows:

- 43 core units
- 15 elective units

Electives are to be selected as followed:

- 8 units from Group A and
- 4 units from Group B and
- 3 units from Group C

An additional 4 elective units may be selected from any other group or from any relevant nationally endorsed Training Package or accredited course. The units must contribute to the vocational outcomes of the qualification.

OPTION 2: General Plumbing – Roofing

For the award of the CPC32420 Certificate III in Plumbing (General Plumber and Roofing) a minimum of 62 units are to be completed as follows:

- 43 core units
- 19 elective units.

Electives are to be selected as followed:

- 8 units from Group A and
- 4 units from Group B and
- 3 units from Group C and
- 4 units from Group D

An additional 4 elective units may be selected from any other group or from any relevant nationally endorsed Training Package or accredited course. The units must contribute to the vocational outcomes of the qualification.

OPTION 3: General Plumber – Mechanical

For the award of the CPC32420 Certificate III in Plumbing (General Plumber and Mechanical) a minimum of 73 units are to be completed as follows:

- 43 core units
- 30 electives

Electives are to be selected as followed:

- 8 units from Group A and
- 4 units from Group B and
- 3 units from Group C and
- 7 units from Group E and
- 8 units from Group F

An additional 4 elective units may be selected from any other group or from any relevant nationally endorsed Training Package or accredited course. The units must contribute to the vocational outcomes of the qualification.

OPTION 4: General Plumbing – Roofing and Mechanical

For the award of the CPC32420 Certificate III in Plumbing (General Plumber Roofing and Mechanical) a minimum of 77 units are to be completed as follows:

- 43 core units
- 34 electives

Electives are to be selected as followed:

- 8 units from Group A and
- 4 units from Group B and
- 3 units from Group C and
- 4 units from Group D and
- 7 units from Group E and
- 8 units from Group F

An additional 4 elective units may be selected from any other group or from any relevant nationally endorsed Training Package or accredited course. The units must contribute to the vocational outcomes of the qualification.

An asterisk (*) against a unit code below indicates that the unit has a prerequisite. Please check the unit for information on this. All prerequisites are packaged in the qualification.

Core Units	
CPCCCM2012*	Work safely at heights
CPCPCM2039	Carry out interactive workplace communication
CPCPCM2040*	Read plans, calculate quantities and mark out materials

CPCPCM2041	Work effectively in the plumbing services sector
CPCPCM2043	Carry out WHS requirements
CPCPCM2045*	Handle and store plumbing materials
CPCPCM2046*	Use plumbing hand and power tools
CPCPCM2047*	Carry out levelling
CPCPCM2048*	Cut and join sheet metal
CPCPCM2054*	Carry out simple concreting and rendering
CPCPCM2055*	Work safely on roofs
CPCPCM3021*	Flash penetrations through roofs and walls
CPCPCM3022*	Weld polymer pipes using fusion method
CPCPCM3023*	Fabricate and install non-ferrous pressure piping
CPCPCM3024*	Prepare simple drawings
CPCPCM3025*	Install trench support
CPCPDR2021*	Locate and clear blockages
CPCPDR2025*	Install stormwater and sub-soil drainage systems and drain work site
CPCPDR2026*	Install prefabricated inspection openings and inspection chambers
CPCPDR3021*	Plan layout and install below ground sanitary drainage systems
CPCPDR3023*	Install on-site domestic wastewater treatment plants and disposal systems
CPCPFS3031*	Fabricate and install fire hydrant and hose reel systems
CPCPGS3048*	Install gas pressure control equipment
CPCPGS3049*	Install gas appliance flues
CPCPGS3051*	Purge consumer piping
CPCPGS3053*	Disconnect and reconnect Type A gas appliances
CPCPGS3054*	Calculate and install natural ventilation for Type A gas appliances
CPCPGS3056*	Size and install consumer gas piping systems
CPCPGS3059*	Install LPG storage of aggregate storage capacity up to 500 litres
CPCPGS3061*	Install and commission Type A gas appliances
CPCPSN3011*	Plan the layout of a residential sanitary plumbing system and fabricate and install sanitary stacks
CPCPSN3022*	Install discharge pipes
CPCPWT3020*	Connect and install storage tanks to a domestic water supply
CPCPWT3021*	Set out and install water services
CPCPWT3022*	Install and commission water heating systems and adjust controls and devices
CPCPWT3025*	Install water pumpsets
CPCPWT3026*	Install and fit off sanitary fixtures, water services and adjust water service controls
CPCPWT3027*	Install backflow prevention devices
CPCPRF2023*	Collect and store roof water
CPCPRF3022*	Fabricate and install roof drainage systems
CPCPRF3023*	Fabricate and install external flashings
CPCPRF3024*	Install roof components
HLTAID011	Provide first aid
Electives Units	
Group A	

CPCCCM2008*	Erect and dismantle restricted height scaffolding
CPCCCM3001	Operate elevated work platforms up to 11 metres
CPCPCM2049*	Cut mild steel using oxy-LPG-acetylene equipment
CPCPCM2052*	Weld mild steel using oxy-acetylene equipment
CPCPFS3037*	Install residential life safety sprinkler systems
CPCPFS3038*	Test and maintain fire hydrant and hose reel installations
CPCPIG2021*	Design domestic urban irrigation systems
CPCPIG3021*	Set out, install and commission irrigation systems
CPCPIG3022*	Install and commission domestic irrigation pumps
CPCPWT3024*	Install and maintain domestic water treatment equipment
CPCPWT3028*	Install property service
CPCPWT3029*	Install water pipe systems
CPCPWT3030*	Install home fire sprinkler systems
MEM11011*	Undertake manual handling
MEM13015	Work safely and effectively in manufacturing and engineering
MEM16006*	Organise and communicate information
MEM05049*	Perform routine gas tungsten arc welding
MEM05050*	Perform routine gas metal arc welding
RIIWH5202E	Enter and work in confined spaces
Group B	
CPCPCM2053*	Weld using metal arc welding equipment
CPCPGS3046*	Install LPG systems in caravans, mobile homes and mobile workplaces
CPCPGS3052*	Maintain Type A gas appliances
CPCPGS3055*	Install gas sub-meters
CPCPGS3060*	Install LPG storage of aggregate storage capacity exceeding 500 litres and less than 8 kl
CPCPGS3047*	Install LPG systems in marine craft
Group C	
CPCPDR3025*	Plan layout and install vacuum drainage systems
CPCPSN3025*	Install pre-treatment facilities
CPCPSN3026*	Install sewerage pumpsets
RIIWH5202E	Enter and work in confined spaces
RIICTT306E	Install cure in-place linings for existing pipeline systems
Group D	
CPCCCM2008*	Erect and dismantle restricted height scaffolding
CPCCCM3001	Operate elevated work platforms up to 11 metres
CPCPRF2022*	Select and install roof sheeting and wall cladding
CPCPRF2024*	Fabricate roof coverings for curved structures
CPCPRF3021*	Receive roofing materials
CPCPRF3025*	Install roof coverings to curved roof structures
CPCPRF3026*	Install roof sheets, wall cladding and complex flashings
CPCPRF3027*	Select and install a heritage roof system
Group E	
CPCPMS2021*	Assemble mechanical services components
CPCPMS3031*	Fabricate and install steel pressure piping

CPCPMS3032*	Select and fit insulation and sheathing
CPCPMS3035*	Install and test ducting systems
CPCPMS3036*	Install air handling units
CPCPMS3038*	Install air conditioning control equipment
CPCPMS3039*	Maintain mechanical services equipment
Group F	
CPCCCM2008*	Erect and dismantle restricted height scaffolding
CPCCCM3001	Operate elevated work platforms up to 11 metres
CPCCWC2001*	Complete penetrations and flashings
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
CPCPCM2053*	Weld using metal arc welding equipment
CPCPMS3033*	Install small bore heating systems
CPCPMS3034*	Install and test medical gas pipeline systems
CPCPMS3037*	Install and commission a single head split system air conditioning
CPCPMS3040*	Install and maintain evaporative air-cooling systems
CPCPMS3041*	Install domestic solid fuel burning appliances
UEECD0007*	Apply work health and safety regulations, codes and practices in the workplace
UEERA0049*	Install and start up single head split air conditioning and water heating heat pump systems
UEERA0059*	Prepare and connect refrigerant tubing and fittings
UEERA0064*	Recover, pressure test, evacuate, charge and leak test refrigerants - split systems

CPC32720 - Certificate III in Gas Fitting (Release 2)

Packaging Rules

To be awarded this qualification, competency must be achieved in:

- 31 units of competency:
- 26 core units
- 5 elective units.

The elective units must ensure the integrity of the AQF alignment and contribute to a valid, industry-supported vocational outcome and are to be chosen as follows:

- 3 elective units must be chosen from listed below,
- 2 elective units can be selected from the list below or may be replaced by units from any relevant nationally endorsed Training Package or accredited course.

An asterisk (*) against a unit code below indicates that the unit has a prerequisite. Please check the unit for information on this. All prerequisites are packaged in the qualification.

Core Units	
CPCCCM2012*	Work safely at heights
CPCCWHS2001	Apply WHS requirement, policies and procedures in the construction industry
CPCPCM2039	Carry out interactive workplace communication
CPCPCM2040*	Read plans, calculate quantities and mark out materials
CPCPCM2041	Work effectively in the plumbing services sectors
CPCPCM2043	Carry out WHS requirements
CPCPCM2045*	Handle and store plumbing materials
CPCPCM2046*	Use plumbing hand and power tools
CPCPCM2047*	Carry out levelling
CPCPCM2048*	Cut and join sheet metal
CPCPCM2055*	Work safely on roofs
CPCPCM3021*	Flash penetrations through roofs and walls
CPCPCM3022*	Weld polymer pipes using fusion method
CPCPCM3023*	Fabricate and install non-ferrous pressure piping
CPCPGS3046*	Install LPG systems in caravans, mobile homes and mobile workplaces
CPCPGS3047*	Install LPG systems in marine craft
CPCPGS3048*	Install gas pressure control equipment
CPCPGS3051*	Purge consumer piping
CPCPGS3052*	Maintain Type A gas appliances
CPCPGS3053*	Disconnect and reconnect Type A gas appliances
CPCPGS3054*	Calculate and install natural ventilation for Type A gas appliances
CPCPGS3056*	Size and install consumer gas piping systems
CPCPGS3059*	Install LPG storage of aggregate storage capacity up to 500 litres

CPCPGS3061*	Install and commission Type A gas appliances
CPCPGS3049*	Install gas appliance flues
HLTAID011	Provide first aid
Elective units	
CPCCCM2008*	Erect and dismantle restricted height scaffolding
CPCCCM3001	Operate elevated work platforms
CPCCRI3001*	Operate personnel and materials hoists
CPCCST2005*	Carry out load slinging of off-site materials
CPCPCM2049*	Cut mild steel using oxy-LPG-acetylene equipment
CPCPCM2053*	Weld using manual metal arc welding equipment
CPCPCM2054*	Carry out simple concreting and rendering
CPCPCM3024*	Prepare simple drawings
CPCPCM3025	Install trench support
CPCPCM4013	Produce 2-D architectural drawings using design software
CPCPGS3055*	Install gas sub-meters
CPCPGS3060*	Install LPG storage of aggregate storage capacity exceeding 500 litres and less than 8 kl
CPCPGS4011*	Design and size consumer gas installations
CPCPMS3031*	Fabricate and install steel pressure piping
CPCPMS3033 *	Install small bore heating systems
MEM05049*	Perform routine gas tungsten arc welding
MEM05050 *	Perform routine gas metal arc welding
MEM11011*	Undertake manual handling
MEM13015	Work safely and effectively in manufacturing and engineering
MEM16006*	Organise and communicate information
UEERL0004	Disconnect-reconnect electrical equipment connected to low voltage (LV) installation wiring

CPC30320 - Certificate III in Concreting (Release 1)

Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 22 units of competency:
- 17 core units
- 5 elective units.

For the elective units:

- 3 units must be selected from Group A
- the remaining 2 elective units may be selected from Group A and/or Group B or from any currently endorsed Training Package or accredited course at Certificate III or Certificate IV level.

Prerequisite units

An asterisk (*) against a unit code below indicates that there is a prerequisite requirement that must be met. Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk. Check the unit of competency for information on specific prerequisite requirements. All prerequisite requirements are packaged in the qualification.

Core units	
CPCCCA3002*	Carry out setting out
CPCCCA3028*	Erect and dismantle formwork for footings and slabs on ground
CPCCCM2002*	Carry out hand excavation
CPCCCM2006	Apply basic levelling procedures
CPCCOM1012	Work effectively and sustainably in the construction industry
CPCCOM1013	Plan and organise work
CPCCOM1014	Conduct workplace communication
CPCCOM1015	Carry out measurements and calculations
CPCCOM2001*	Read and interpret plans and specifications
CPCCON2021*	Handle concreting materials and components
CPCCON2022*	Select, use and maintain concreting plant, tools and equipment
CPCCON3035*	Determine concrete supply requirements
CPCCON3041*	Place concrete
CPCCON3042*	Finish concrete
CPCCON3043*	Cure concrete
CPCCSF2004*	Place and fix reinforcement materials
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
Elective units	
Group A: Specialist elective units	

CPCCON3036*	Plan concrete work and brief team
CPCCON3044*	Apply decorative finishes to concrete
CPCCON3046*	Repair and rectify concrete
CPCCON3047*	Cut concrete
CPCCON3048*	Construct tilt panels on site
CPCCON3049*	Apply and finish sprayed concrete
CPCCON3050*	Carry out high performance concreting
CPCCON3051*	Conduct off-form vertical concrete operations
CPCCON3053*	Slump test concrete
CPCCON3054*	Operate concrete agitator trucks
CPCCON3055*	Install topping slabs
CPCCON3056*	Conduct concrete pump delivery operations
CPCCON3057*	Core concrete
Group B: General elective units	
CPCCCM2007*	Use explosive power tools
CPCCCM2008*	Erect and dismantle restricted height scaffolding
CPCCCM2012*	Work safely at heights
CPCCCLBM3001	Licence to operate a concrete placing boom
CPCCOM1016	Identify requirements for safe precast and tilt-up work
CPCCSF2003*	Cut and bend materials using oxy-LPG equipment
CPCCSF3001*	Apply reinforcement schedule

CPC30620 - Certificate III in Painting and Decorating (Release 2)

Packaging Rules

To achieve this qualification, the candidate must demonstrate competency in:

- 29 units of competency:
- 26 core units
- 3 elective units.

Elective units of competency can be selected as follows:

- 3 from the listed electives

or

- 2 from listed electives and 1 from any endorsed Training Package or accredited course, as long as it contributes to a valid, industry supported vocational outcome and supports the AQF level of this qualification.

Prerequisite units of competency

An asterisk (*) against a unit code below indicates that there is a prerequisite requirement that must be met. Prerequisite unit/s must be assessed before assessment of any unit of competency with an asterisk. All prerequisite requirements are packaged in the qualification.

Core units	
CPCCCM2008*	Erect and dismantle restricted height scaffolding
CPCCCM2012*	Work safely at heights
CPCCCM3001	Operate elevated work platforms up to 11 metres
CPCCCM3005	Calculate costs of construction work
CPCCOM1012	Work effectively and sustainably in the construction industry
CPCCOM1013	Plan and organise work
CPCCOM1014	Conduct workplace communication
CPCCOM1015	Carry out measurements and calculations
CPCCOM2001*	Read and interpret plans and specifications
CPCCPB3026*	Erect and maintain trestle and plank systems
CPCCPD2011*	Handle and store painting and decorating materials
CPCCPD2012*	Use painting and decorating tools and equipment
CPCCPD2013*	Remove and replace doors and door and window components
CPCCPD3021*	Prepare existing coated surface for painting
CPCCPD3022*	Apply paint by brush and roller
CPCCPD3023*	Apply texture coat paint finishes by brush, roller and spray
CPCCPD3024*	Apply paint by spray
CPCCPD3025*	Match specific paint colours
CPCCPD3026*	Apply stains and clear timber finishes

CPCCPD3027*	Remove and apply wallpaper
CPCCPD3028*	Apply decorative paint finishes
CPCCPD3030*	Apply protective paint coating systems
CPCCPD3031*	Work safely with lead-painted surfaces in the painting industry
CPCCPD3035*	Prepare uncoated surfaces for painting
CPCCPD3036*	Work safely to encapsulate non-friable asbestos in the painting industry
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
Elective units	
BSBESB301	Investigate micro business opportunities
BSBESB303	Organise finances for new business venture
CPCCPD3029*	Remove graffiti and apply anti-graffiti coatings
CPCCPD3032*	Apply advanced wall coverings
CPCCPD3033*	Apply intumescent coatings
CPCCPD3034*	Apply advanced decorative paint finishes
CPCCSP3003*	Apply trowelled texture coat finishes
MSFID4016	Design colour schemes for interior and exterior spaces

CPC31320 - Certificate III in Wall and Floor Tiling (Release 1)

Packaging Rules

To achieve this qualification, the candidate must demonstrate competency in:

- 20 units of competency:
- 17 core units
- 3 elective units.

Electives must be selected as follows:

- all three units from the electives listed below, or
- two units from the electives listed below, plus one unit selected from any current training package or accredited course as long as it contributes to a valid, industry-supported vocational outcome, maintains the integrity of the AQF level of this qualification and does not duplicate the outcome of another unit used to achieve this qualification.

Prerequisite units

An asterisk (*) against a unit code below indicates that there is a prerequisite requirement that must be met. Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk. Check the unit of competency for information on specific prerequisite requirements. All prerequisite requirements are packaged in the qualification.

Core units	
CPCCOM2001	Read and interpret plans and specifications
CPCCCM2006	Apply basic levelling procedures
CPCCOM1012	Work effectively and sustainably in the construction industry
CPCCOM1013	Plan and organise work
CPCCOM1014	Conduct workplace communication
CPCCOM1015	Carry out measurements and calculations
CPCCWF2001*	Handle wall and floor tiling materials
CPCCWF2002*	Use wall and floor tiling tools and equipment
CPCCWF3001*	Prepare surfaces for tiling application
CPCCWF3002*	Install floor tiles
CPCCWF3003*	Install wall tiles
CPCCWF3004*	Repair wall and floor tiling
CPCCWF3005*	Install decorative tiling
CPCCWF3006*	Install mosaic tiling
CPCCWF3007*	Tile curved surfaces
CPCCWF3009*	Apply waterproofing for wall and floor tiling
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
Elective units	
BSBESB301	Investigate business opportunities

BSBESB407	Manage finances for new business ventures
CPCCCM2008*	Erect and dismantle restricted height scaffolding
CPCCCM2009*	Carry out basic demolition
CPCCCM2012*	Work safely at heights
CPCCCM3001	Operate elevated work platforms up to 11 metres
CPCCCO2013*	Carry out concreting to simple forms
CPCCPB3004	Fix wet area sheets
CPCCWF3008	Tile pools and spas

CPC33020 - Certificate III in Bricklaying and Blocklaying (Release 2)

Packaging Rules

This qualification has core units and elective units of competency that cover the skills and knowledge of three specialist groups, and general electives:

- Group A - Traditional and heritage bricklaying
- Group B - Refractory Bricklaying
- Group C - Paving

To achieve this qualification, competency must be demonstrated in:

- 28 units of competency:
- 20 core units
- 8 elective units.
- the elective units can be selected, once only, from any of the groups listed below.
- up to two elective units can be selected from any Training Package and or accredited course, as long as they contribute to a valid, industry-supported vocational outcome and support the AQF level of this qualification.

Prerequisite units

An asterisk (*) against a unit code below indicates that there is a prerequisite requirement that must be met. Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk. Check the unit of competency for information on specific prerequisite requirements. All prerequisite requirements are packaged in the qualification.

Core units	
CPCCBL2001*	Handle and prepare bricklaying and blocklaying materials
CPCCBL2002*	Use bricklaying and blocklaying tools and equipment
CPCCBL3002*	Carry out masonry veneer construction
CPCCBL3003*	Carry out cavity brick construction
CPCCBL3005*	Lay masonry walls and corners
CPCCBL3006*	Lay multi-thickness walls and piers
CPCCBL3009*	Install flashings and damp proof course
CPCCBL3010*	Construct masonry arches
CPCCBL3011*	Construct curved walls
CPCCBL3013*	Construct masonry structural systems
CPCCCA3002*	Carry out setting out
CPCCOM1012*	Work effectively and sustainably in the construction industry
CPCCOM1013*	Plan and organise work
CPCCOM1014*	Conduct workplace communication
CPCCOM1015	Carry out measurements and calculations
CPCCOM2001	Read and interpret plans and specifications

CPCCCM2006	Apply basic levelling procedures
CPCCCM2008*	Erect and dismantle restricted height scaffolding
CPCCCM2012*	Work safely at heights
CPCCWHS2001	Apply WHS requirements, policies, and procedures in the construction industry
Elective units	
Group A - Traditional and heritage bricklaying	
CPCCST4001	Prepare to undertake the heritage restoration process
CPCCST4002	Undertake the heritage restoration process
CPCCBL3004*	Construct masonry steps and stairs
CPCCBL3012*	Construct fireplaces and chimneys
CPCCBL3015*	Construct decorative brickwork
CPCCBL3016*	Construct battered masonry walls and piers
CPCCBL3017*	Carry out tuck pointing and repointing to masonry
CPCCCO2013*	Carry out concreting to simple forms
CPCCSF2004*	Place and fix reinforcement materials
Group B – Refractory Bricklaying	
CPCCST4003	Undertake preparations for refractory work
CPCCST4007	Construct a fire brick wall and arch using refractory materials
CPCCBL3004*	Construct masonry steps and stairs
CPCCBL3012*	Construct fireplaces and chimneys
CPCCBL3016*	Construct battered masonry walls and piers
CPCCCM2009*	Carry out basic demolition
CPCCCO2013*	Carry out concreting to simple forms
CPCCSF2004*	Place and fix reinforcement materials
Group C - Paving	
CPCCCO2013*	Carry out concreting to simple forms
CPCCPA3001*	Prepare subgrade, base and bedding course for segmental paving
CPCCPA3002*	Lay segmental paving
CPCCPA3003*	Cut segmental paving
CPCCPA3004*	Finish segmental paving
CPCCPA3005*	Maintain and repair segmental paving
CPCCSF2004*	Place and fix reinforcement materials
General Electives	
AHCLSC307	Implement a retaining wall project
CPCCBC4003	Select, prepare and administer a construction contract
CPCCST4003	Undertake preparations for refractory work
CPCCBL3001*	Lay paving
CPCCBL3004*	Construct masonry steps and stairs
CPCCBL3007*	Install glass blockwork
CPCCBL3012*	Construct fireplaces and chimneys
CPCCBL3014*	Install fire-rated masonry construction
CPCCBL3015*	Construct decorative brickwork
CPCCBL3016*	Construct battered masonry walls and piers
CPCCBL3017*	Carry out tuck pointing and repointing to masonry

CPCCBL3018*	Install aerated autoclaved concrete products
CPCCCM2009*	Carry out basic demolition
CPCCCO2013*	Carry out concreting to simple forms
CPCCPA3001*	Prepare subgrade, base and bedding course for segmental paving
CPCCPA3002*	Lay segmental paving
CPCCPA3003*	Cut segmental paving
CPCCPA3004*	Finish segmental paving
CPCCPA3005*	Maintain and repair segmental paving
CPCCSF2004*	Place and fix reinforcement materials

CPC30220 - Certificate III in Carpentry (Release 3)

Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 34 units of competency:
- 27 core units
- 7 electives
- a minimum of five units must be selected from Group A
- the remaining can be selected from Group A or Group B
- a maximum of two units can be selected from any group or current training package, as long as it contributes to a valid, industry-supported vocational outcome and maintains the AQF level of this qualification.

Prerequisite units of competency

An asterisk (*) against a unit code below indicates that there is a prerequisite requirement that must be met. Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk. Check the unit of competency for information on specific prerequisite requirements. All prerequisite requirements are packaged in the qualification.

Core Units	
CPCCCA2002*	Use carpentry tools and equipment
CPCCCA2011*	Handle carpentry materials
CPCCCA3001*	Carry out general demolition of minor building structures
CPCCCA3002*	Carry out setting out
CPCCCA3003*	Install flooring systems
CPCCCA3004*	Construct and erect wall frames
CPCCCA3005*	Construct ceiling frames
CPCCCA3006*	Erect roof trusses
CPCCCA3007*	Construct pitched roofs
CPCCCA3008*	Construct eaves
CPCCCA3010*	Install windows and doors
CPCCCA3016*	Construct, assemble and install timber external stairs
CPCCCA3017*	Install exterior cladding
CPCCCA3024*	Install lining, panelling and moulding
CPCCCA3025*	Read and interpret plans, specifications and drawings for carpentry work
CPCCCA3028*	Erect and dismantle formwork for footings and slabs on ground
CPCCCM2006	Apply basic levelling procedures
CPCCCM2008*	Erect and dismantle restricted height scaffolding
CPCCCM2012*	Work safely at heights
CPCCCO2013*	Carry out concreting to simple forms
CPCCOM1012*	Work effectively and sustainably in the construction industry

CPCCOM1014*	Conduct workplace communication
CPCCOM1015	Carry out measurements and calculations
CPCCOM3001	Perform construction calculations to determine carpentry material requirements
CPCCOM3006	Carry out levelling operations
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
CPCWHS3001	Identify construction work hazards and select risk control strategies
Group A - Specialist Electives	
CPCCCA3009*	Construct advanced roofs
CPCCCA3012*	Frame and fit wet area fixtures
CPCCCA3014*	Construct and install bulkheads
CPCCCA3018*	Construct, erect and dismantle formwork for stairs and ramps
CPCCCA3019*	Erect and dismantle formwork to suspended slabs, columns, beams and walls
CPCCCA3020*	Erect and dismantle jump-form formwork
CPCCCA3022*	Install curtain walling
CPCCCA3027*	Set up, operate and maintain indirect action powder-actuated power tools
CPCCCM2002*	Carry out hand excavation
CPCCCM3001	Operate elevated work platforms up to 11 metres
CPCCJN3003*	Manufacture components for doors, windows and frames
CPCCJN3004*	Manufacture and assemble joinery components
CPCCJN3100	Process materials to produce components using static machines
CPCCON3048*	Construct tilt panels on site
CPCCSF2004*	Place and fix reinforcement materials
CPCCWC3003*	Install dry wall passive fire-rated systems
CPCCWC3004	Install suspended ceilings
Group B - General Electives	
CPCCCA3011*	Refurbish timber sashes to window frames
CPCCCA3026*	Assemble partitions
CPCCCM3005	Calculate costs of construction work
CPCCLSF2001	License to erect, alter and dismantle scaffolding basic level
CPCCOM1013	Plan and organise work
CPCCPB3001*	Fix standard plasterboard wall sheets
CPCCPB3002*	Fix standard plasterboard ceiling sheets
CPCCSF2005*	Arc weld reinforcement steel
CPCCSF3002*	Carry out monostrand post-tensioning
CPCCSF3003*	Carry out multistrand post-tensioning
CPCCSF3004*	Carry out stressbar post-tensioning
CPCCST4001	Prepare to undertake the heritage restoration process
CPCCST4002	Undertake the heritage restoration process
CPCPCM2043	Carry out WHS requirements
CPCPCM2052*	Weld mild steel using oxy-acetylene equipment
CPCPCM2053*	Weld using manual metal arc welding equipment

CPC32620 - Certificate III in Roof Plumbing (Release 3)

Packaging Rules

To be awarded this qualification, competency must be achieved in:

- 23 units of competency:
- 20 core units
- 3 elective units.

The elective units must ensure the integrity of the AQF alignment and contribute to a valid, industry-supported vocational outcome and are to be chosen as follows:

- 2 elective units must be chosen from units listed below
- Up to 1 elective unit may be selected from any other group or from any relevant nationally endorsed Training Package or accredited course.

An asterisk (*) against a unit code below indicates that the unit has a prerequisite. Please check the unit for information on this. All prerequisites are packaged in the qualification.

Core Units	
CPCCCM2008*	Erect and dismantle restricted height scaffolding
CPCCCM2012*	Work safely at heights
CPCCCM3001	Operate elevated work platforms up to 11 metres
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
CPCPCM2040*	Read plans, calculate quantities and mark out materials
CPCPCM2041	Work effectively in the plumbing services sector
CPCPCM2043	Carry out WHS requirements
CPCPCM2047*	Carry out levelling
CPCPCM2048*	Cut and join sheet metal
CPCPCM2055*	Work safely on roofs
CPCPCM3021*	Flash penetrations through roofs and walls
CPCPCM3024*	Prepare simple drawings
CPCPRF2022*	Select and install roof sheeting and wall cladding
CPCPRF2023*	Collect and store roof water
CPCPRF3022*	Fabricate and install roof drainage systems
CPCPRF3023*	Fabricate and install external flashings
CPCPRF3024*	Install roof components
CPCPRF3025*	Install roof coverings to curved roof structures
CPCPRF3026*	Install roof sheets, wall cladding and complex flashings
HLTAID011	Provide first aid
Elective Units	
CPCCPB3015*	Install acoustic and thermal environmental protection systems
CPCCRI3001	Operate personnel and materials hoists

CPCST2005*	Carry out load slinging of off-site materials
CPCPCM2049*	Cut mild steel using oxy-acetylene equipment
CPCPCM3022*	Weld polymer pipes using fusion method
CPCPCM4013	Produce 2-D architectural drawings using design software
CPCPRF2024*	Fabricate roof coverings for curved structures
CPCPRF3027*	Select and install a heritage roof system
CPCPRF4011*	Design and size roof drainage systems
MEM05049*	Perform routine gas tungsten arc welding
MEM05050 *	Perform routine gas metal arc welding
MEM11011*	Undertake manual handling
MEM13015	Work safely and effectively in manufacturing and engineering
MEM16006*	Organise and communicate information

CPC32820 - Certificate III in Fire Protection (Release 3)

Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 37 units of competency:
- 32 core units
- 5 elective units.

The elective units must ensure the integrity of the AQF alignment and contribute to a valid, industry-supported vocational outcome and are to be chosen as follows:

- a minimum of 3 elective units must be chosen from those listed below,
- up to 2 units may be chosen from the elective units listed below or from any Training Package or accredited course.

An asterisk (*) against a unit code below indicates that the unit has a prerequisite. Please check the unit for information on this. All prerequisites are packaged in the qualification.

Core Units	
CPCPCM2045*	Handle and store plumbing materials
CPCPCM2046*	Use plumbing hand and power tools
CPCPCM2039	Carry out interactive workplace communication
CPCPCM2041	Work effectively in the plumbing and services sector
CPCPCM2040*	Read plans, calculate quantities and mark out materials
CPCPCM2043	Carry out WHS requirements
CPCPCM2047*	Carry out levelling
CPCPCM2049*	Cut using oxy-LPG-acetylene equipment
CPCPCM2052*	Weld using oxy-acetylene equipment
CPCPCM2053*	Weld using metal arc welding equipment
CPCPCM3023*	Fabricate and install non-ferrous pressure piping
CPCPFS2021*	Connect static storage tanks for fixed fire protection systems
CPCPFS3030	Design fire sprinkler systems using pre-calculated charts and tables
CPCPFS3031*	Fabricate and install fire hydrant and hose reel systems
CPCPFS3034*	Install control valve assemblies, actuating devices and local alarms
CPCPFS3036*	Install special hazard systems
CPCPFS3037*	Install residential life safety sprinkler systems
CPCPFS3038*	Test and maintain fire hydrant and hose reel installations
CPCPFS3040	Conduct basic functional testing of water-based fire-suppression systems
CPCPFS3041	Inspect and test fire pumpsets
CPCPFS3042*	Conduct annual routine service of complex water-based fire-suppression systems
CPCPFS3043*	Conduct functional water flow testing
CPCPFS3044*	Install distribution and range pipes

CPCPFS3045*	Fit off sprinkler heads, controls and ancillary equipment
CPCPFS3046*	Test the integrity of water-based fire protection systems using pressure
CPCPFS3047*	Test and maintain automatic fire sprinklers
CPCPFS3048*	Install fixed fire pumpsets
CPCPMS3031*	Fabricate and install steel pressure piping
CPCPWT3028*	Install property service
CPPFES2025A	Inspect, test and maintain gaseous fire-suppression systems
CPPFES2043A	Prevent ozone depleting substance and synthetic greenhouse gas emissions
CPPFES2047A	Inspect and test control and indicating equipment
General Electives	
CPCCCM2008*	Erect and dismantle restricted height scaffolding
CPCCCM2012*	Work safely at heights
CPCCCM3001	Operate elevated work platforms
CPCCPB3015*	Install acoustic and thermal environmental protection systems
CPCCRI3001	Operate personnel and materials hoists
CPCCST2005*	Carry out load slinging of off-site materials
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
CPCPCM2054*	Carry out simple concreting and rendering
CPCPCM3021*	Flash penetrations through roofs and walls
CPCPCM3022*	Weld polymer pipes using fusion method
CPCPCM2048*	Cut and join sheet metal
CPCPFS2022*	Install portable fire equipment
CPCPFS3049*	Conduct preventive maintenance on fixed fire pumpsets
CPCPWT3025*	Install water pumpsets
CPCPWT3029*	Install water pipe systems
CPPCMN2002	Participate in workplace safety arrangements
HLTAID011	Provide first aid

CPC31120 - Certificate III in Steelfixing (Release 2)

Packaging Rules

To achieve this qualification competency must be demonstrated in:

- 17 units of competency:
- 14 core units
- 3 elective units.

Elective units must be selected as follows:

- 2 units must be selected from the list of elective units below
- 1 unit can be selected from the list of elective units below or from any current training package or accredited course where the unit is packaged in an Australian Qualifications Framework (AQF) Certificate III or Certificate IV qualification that maintains the integrity of the AQF level of this qualification, contributes to a valid, industry-supported vocational outcome, and does not duplicate the outcomes of another unit used to achieve this qualification.

Prerequisite units of competency

An asterisk (*) against a unit code below indicates that there is a prerequisite requirement that must be met. Prerequisite unit/s must be assessed before assessment of any unit of competency with an asterisk.

Core units	
CPCCCM2006	Apply basic levelling procedures
CPCCOM1012	Work effectively and sustainably in the construction industry
CPCCOM1013	Plan and organise work
CPCCOM1014	Conduct workplace communication
CPCCOM1015	Carry out measurements and calculations
CPCCOM2001*	Read and interpret plans and specifications
CPCCSF2001*	Handle steelfixing materials
CPCCSF2002*	Use steelfixing tools and equipment
CPCCSF2003*	Cut and bend materials using oxy-LPG equipment
CPCCSF2004*	Place and fix reinforcement materials
CPCCSF2005*	Arc weld reinforcement steel
CPCCSF2006*	Machine-cut reinforcement materials
CPCCSF3001*	Apply reinforcement schedule
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
Elective units	
BSBESB301	Investigate business opportunities
BSBESB407	Manage finances for new business ventures
CPCCCM2008*	Erect and dismantle restricted height scaffolding

CPCCCO2014*	Carry out concrete work
CPCCSF2007*	Splice and anchor using mechanical methods
CPCCSF3002*	Carry out monostrand post-tensioning
CPCCSF3003*	Carry out multistrand post-tensioning
CPCCSF3004*	Carry out stressbar post-tensioning
CPCPCM2053*	Weld using manual metal arc welding equipment
RIIWHS202E	Enter and work in confined spaces

CPC40120 – Certificate IV in Building and Construction (Release 7)

Packaging Rules

To achieve this qualification, the candidate must demonstrate competency in:

- 19 units of competency:
- 11 core units
- 8 elective units.

To achieve the occupational outcome of **Builder** electives must include:

- All Group A elective units
- Up to two elective units from either Group B or general electives.
- One elective unit may be from any training package or accredited course as long as it ensures the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contributes to a valid, industry supported vocational outcome

To achieve the occupation outcome of **Site Manager** electives must include:

- All Group B electives
- Up to four elective units from either Group A or general electives.
- One unit may be from any training package or accredited course as long as it ensures the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contributes to a valid, industry supported vocational outcome

Prerequisite units

An asterisk (*) next to the unit code indicates that there are prerequisite requirements which must be met when packaging the qualification. Please refer to the Prerequisite requirements table for details.

Prerequisite requirements

Unit of competency		Prerequisite requirement
CPCCBC4010 Apply structural principles to residential and commercial constructions.		CPCCBC4053 Apply building codes and standards to the construction process for Class 2 to 9 Type C buildings.
		CPCCBC4001 Apply building codes and standards to the construction process for Class 1 and 10 buildings.
Core Units		
CPCCBC4001	Apply building codes and standards to the construction process for Class 1 and 10 Buildings	
CPCCBC4002	Manage work health and safety in the building and construction workplace	

CPCCBC4007	Plan building or construction work
CPCCBC4008	Supervise site communication and administration processes for building and construction projects
CPCCBC4009	Apply legal requirements to building and construction projects
CPCCBC4010*	Apply structural principles to residential and commercial constructions
CPCCBC4012	Read and interpret plans and specifications
CPCCBC4014	Prepare simple building sketches and drawings
CPCCBC4018	Apply site surveys and set-out procedures to building and construction projects
CPCCBC4021	Minimise waste on the building and construction site
CPCCBC4053	Apply building codes and standards to the construction process for Class 2 to 9, Type C Buildings
Elective Units	
Group A - Building	
BSBPMG422	Apply project quality management techniques
CPCCBC4003	Select, prepare and administer a construction contract
CPCCBC4004	Identify and produce estimated costs for building and construction projects
CPCCBC4005	Produce labour and material schedules for ordering
CPCCBC4006	Select, procure and store construction materials for building and construction projects
CPCSUS4002	Use building science principles to construct energy efficient buildings
Elective Units	
Group B – Site Manager	
CPCCBC4013	Prepare and evaluate tender documentation
CPCCBC4017	Arrange resources and prepare for the building and construction project
CPCCBC4052	Lead and manage teams in the building and construction industry
CPCCCO4001	Supervise concreting work
General Electives	
BSBESB402	Establish legal and risk management requirements of new business ventures
BSBESB406	Establish operational strategies and procedures for new business ventures
BSBESB407	Manage finances for new business ventures
BSBLDR413	Lead effective workplace relationships
BSBPEF501	Manage personal and professional development
BSBPMG426	Apply project risk management techniques
BSBPMG430	Undertake project work
BSBWRT411	Write complex documents
CPCBIM4001	Plan to comply with BIM requirements for construction work
CPCBIM4002	Use BIM processes to carry out construction work
CPCBIM4003	Contribute to BIM deliverables for construction work
CPCCBC4015	Prepare specifications for all construction works
CPCCBC4019	Apply sustainable building design principles to water management systems
CPCCBC4020	Build thermally efficient and sustainable structures
CPCCBC4022	Supervise tilt-up work
CPCCBC4024	Resolve business disputes

CPCCBC4026	Arrange building applications and approvals
CPCCBC4028	Prepare design brief for construction works
CPCCBC5019	Manage building and construction business finances
CPCPRE4001	Inspect the erection of prefabricated concrete elements
CPCSUS4001	Implement and monitor environmentally sustainable work practices
CPCSUS4003	Maximise energy efficiency through applied trade skills

CPC40308 - Certificate IV in Building and Construction (Estimating) (Release 5)

To achieve this qualification, the candidate must demonstrate competency in:

- 15 units of competency:
- 8 core units
- 7 elective units.

Core units	
BSBPMG407A	Apply risk management techniques
CPCCBC4001A	Apply building codes and standards to the construction process for low rise building projects
CPCCBC4004A	Identify and produce estimated costs for building and construction projects
CPCCBC4005A	Produce labour and material schedules for ordering
CPCCBC4010B	Apply structural principles to residential low rise constructions
CPCCBC4011B	Apply structural principles to commercial low rise constructions
CPCCBC4012B	Read and interpret plans and specifications
CPCCBC4013A	Prepare and evaluate tender documentation
Elective units	
BSBCUS301	Deliver and monitor a service to customers
BSBLDR403	Lead team effectiveness
BSBITU201	Produce simple word processed documents
BSBITU202	Create and use spreadsheets
BSBITU301	Create and use databases
BSBMGT403	Implement continuous improvement
BSBOHS404B	Contribute to the implementation of strategies to control OHS risk
BSBPMG404A	Apply quality management techniques
BSBWRT401	Write complex documents
CPCCBC4003A	Select and prepare a construction contract
CPCCBC4006B	Select, procure and store construction materials for low rise projects
CPCCBC4014A	Prepare simple building sketches and drawings
CPCCBC4015A	Prepare specifications for all construction works
CPCCBC4016A	Administer a construction contract
CPCCBC4017A	Arrange resources and prepare for the building or construction project
CPCCBC4019A	Apply sustainable building design principles to water management systems
CPCCBC4020A	Build thermally efficient and sustainable structures
CPCCBC4021A	Minimise waste on the building and construction site
CPCCBC4024A	Resolve business disputes
CPCCBC4025A	Manage personal work priorities and professional development

CPCCBC4028A	Prepare design brief for construction works
CPCCBC4051A	Supervise asbestos removal
CPCCWHS1001	Prepare to work safely in the construction industry
CPCSUS4001A	Implement and monitor environmentally sustainable work practices
HLTHIR403C	Work effectively with culturally diverse clients and co-workers

CPC40208 - Certificate IV in Building and Construction (Contract Administration) (Release 3)

Packaging Rules

To achieve this qualification, the candidate must demonstrate competency in:

- 15 units of competency:
- 9 core units
- 6 elective units.

The electives may be selected as follows:

- all six elective units may be selected from the list below
- two of the six elective units may be selected from a Certificate IV qualification in another endorsed Training Package or within CPC08 Construction, Plumbing and Services Training Package, ensuring the industry context of the qualification is maintained
- one of the six elective units may be selected from either Certificate III or Diploma level.

Some units in this qualification may have prerequisite requirements, which must be met when packaging the qualification. Users are referred to the list of CPC08 units with prerequisite unit requirements available in this Training Package for this purpose.

Core units	
BSBOHS201A	Participate in OHS processes
CPCCBC4003A	Select and prepare a construction contract
CPCCBC4006B	Select, procure and store construction materials for low rise projects
CPCCBC4012B	Read and interpret plans and specifications
CPCCBC4016A	Administer a construction contract
CPCCBC4026A	Arrange building applications and approvals
CPCCBC4029B	Apply construction information to the sales process
CPCCBC4031A	Process client requirements
CPCCBC4032A	Apply contract law to sales processes
Elective units	
BSBLDR403	Lead team effectiveness
BSBITU201	Produce simple word processed documents
BSBITU202	Create and use spreadsheets
BSBITU301	Create and use databases
BSBMGT403	Implement continuous improvement
BSBPMG404A	Apply quality management techniques
BSBPMG407A	Apply risk management techniques
BSBPMG522	Undertake project work
BSBLDR402	Lead effective workplace relationships
BSBWRT401	Write complex documents

CPCCBC4001A	Apply building codes and standards to the construction process for low rise building projects
CPCCBC4005A	Produce labour and material schedules for ordering
CPCCBC4007A	Plan building or construction work
CPCCBC4013A	Prepare and evaluate tender documentation
CPCCBC4014A	Prepare simple building sketches and drawings
CPCCBC4017A	Arrange resources and prepare for the building or construction project
CPCCBC4019A	Apply sustainable building design principles to water management systems
CPCCBC4020A	Build thermally efficient and sustainable structures
CPCCBC4021A	Minimise waste on the building and construction site
CPCCBC4024A	Resolve business disputes
CPCCBC4025A	Manage personal work priorities and professional development
CPCSUS4001A	Implement and monitor environmentally sustainable work practices
HLTHIR403C	Work effectively with culturally diverse clients and co-workers

CPC40912 - Certificate IV in Plumbing and Services (Release 3)

Plumbing and services – Operations stream

This stream has an entry requirement of the completion of a relevant trade qualification or equivalent.

To achieve this qualification, the candidate must demonstrate competency in:

- 15 units of competency:
- 12 core units
- 3 elective units.

The units must be completed as follows:

- all four common core units
- all eight core units (Plumbing and services – Operations stream)
- three elective units, ensuring that any licensing requirements are addressed.

Of these three electives:

- up to three units may be selected from the pool of elective units in the Plumbing and services – Operations stream
- two of the three units may be selected from a Certificate IV qualification in another endorsed Training Package or from the core or elective units of another stream within the Certificate IV in Plumbing and Services, ensuring both the integrity of the AQF alignment and the industry context of the qualification are maintained
- one of the three units may be drawn from Certificate III or Diploma Plumbing and Services qualifications
- no more than three units may be selected from the pool of elective units common to all streams.

Hydraulic services design stream

To achieve this qualification, the candidate must demonstrate competency in:

- 15 units of competency:
- 10 core units
- 5 elective units.

The units must be completed as follows:

- all four common core units
- all six core units in the hydraulic services design stream
- five elective units.

Of these five electives:

- at least two units must be selected from the pool of elective units in the hydraulic services design stream
- one of the five units may be selected from a Certificate IV qualification in another endorsed Training Package, ensuring both the integrity of the AQF alignment and the industry context of the qualification are maintained
- one of the five units may be drawn from the Diploma of Hydraulic Services Design qualification
- no more than three units may be selected from the common pool of elective units.

Core units	
Common	
BSBOHS403B	Identify hazards and assess OHS risks
CPCCBC4012B	Read and interpret plans and specifications
CPCPCM4011A	Carry out work-based risk control processes
CPCPCM4012A	Estimate and cost work
Fire services, air conditioning and mechanical services streams	
BSBCUS301B	Deliver and monitor a service to customers
CPCCBC4015A	Prepare specifications for all construction works
CPCPCM4013A	Produce 2-D architectural drawings using CAD software
CPCPCM4014A	Prepare simple sketches and drawings
Plumbing and services – Management stream	
BSBCUS301B	Deliver and monitor a service to customers
BSBSMB401A	Establish legal and risk management requirements of small business
BSBSMB402A	Plan small business finances
BSBSMB404A	Undertake small business planning
BSBSMB405B	Monitor and manage small business operations
CPCCBC4034A	Apply codes and standards to building trade and services contracting
Plumbing and services – Operations stream	
BSBSMB401A	Establish legal and risk management requirements of small business
CPCPDR4011B	Design and size sanitary drainage systems
CPCPDR4012B	Design and size stormwater drainage systems
CPCPDR4013B	Design and size domestic treatment plant disposal systems
CPCPGS4011C	Design and size consumer gas installations
CPCPRF4011B	Design and size roof drainage systems
CPCPSN4011B	Design and size sanitary plumbing systems
CPCPWT4011B	Design and size heated and cold water services and systems
Plumbing and services – Hydraulic services design stream	
CPCCBC4034A	Apply codes and standards to building trade and services contracting
CPCPDR4011B	Design and size sanitary drainage systems
CPCPDR4012B	Design and size stormwater drainage systems
CPCPDR4013B	Design and size domestic treatment plant disposal systems

CPCPSN4011B	Design and size sanitary plumbing systems
CPCPWT4011B	Design and size heated and cold water services and systems
Elective units	
All streams	
BSBINN301	Promote innovation in a team environment
BSBITU201	Produce simple word processed documents
BSBITU202	Create and use spreadsheets
BSBITU301	Create and use databases
BSBLED401	Develop teams and individuals
BSBMGT403	Implement continuous improvement
BSBPMG404A	Apply quality management techniques
BSBWRT401	Write complex documents
CPCCBC4002A	Manage occupational health and safety in the building and construction workplace
CPCCBC4024A	Resolve business disputes
CPCCBC4025A	Manage personal work priorities and professional development
CPCSUS4001A	Implement and monitor environmentally sustainable work practices
HLTHIR403C	Work effectively with culturally diverse clients and co-workers
Fire services stream	
BSBLDR403	Lead team effectiveness
BSBPMG407A	Apply risk management techniques
BSBPMG522	Undertake project work
BSBSMB401	Establish legal and risk management requirements of small business
BSBSMB402	Plan small business finances
BSBSMB404	Undertake small business planning
BSBSMB405	Monitor and manage small business operations
BSBSMB406	Manage small business finances
BSBLDR402	Lead effective workplace relationships
CPCCBC4008B	Conduct on-site supervision of building and construction projects
CPCCBC4017A	Arrange resources and prepare for the building or construction project
CPCCBC4026A	Arrange building applications and approvals
CPCCBC4034A	Apply codes and standards to building trade and services contracting
CPCPFS4021A	Commission domestic and residential fire suppression sprinkler systems
CPCPFS4022A	Commission and maintain special hazard fire suppression systems
CPCPFS4023A	Commission fire system pumpsets
CPCPFS4024A	Design residential and domestic fire sprinkler systems
CPCPFS4025A	Commission fire alarm and detection system interface devices
CPCPFS4026A	Commission firefighting appliances
CPCPFS4027A	Commission fire sprinkler systems
TAEDEL402	Plan, organise and facilitate learning in the workplace
Air conditioning and mechanical services stream	
BSBPMG407A	Apply risk management techniques
BSBPMG522	Undertake project work
BSBSMB407	Manage a small team
BSBSMB401	Establish legal and risk management requirements of small business

BSBSMB402	Plan small business finances
BSBSMB404	Undertake small business planning
BSBSMB405	Monitor and manage small business operations
BSBSMB406	Manage small business finances
BSBLDR402	Lead effective workplace relationships
CPCCBC4008B	Conduct on-site supervision of building and construction projects
CPCCBC4017A	Arrange resources and prepare for the building or construction project
CPCCBC4019A	Apply sustainable building design principles to water management systems
CPCCBC4020A	Build thermally efficient and sustainable structures
CPCCBC4021A	Minimise waste on the building and construction site
CPCCBC4026A	Arrange building applications and approvals
CPCCBC4034A	Apply codes and standards to building trade and services contracting
CPCPGS4011C	Design and size consumer gas installations
CPCPGS4022A	Service Type A gas appliances
CPCPGS4023B	Install, commission and service Type B gas appliances
CPCPMS4011B	Design, size and lay out heating and cooling systems
CPCPMS4022A	Commission air and water systems
CPCPMS4023A	Design compressed air systems
CPCPWT4011B	Design and size heated and cold water services and systems
CPCPWT4022A	Commission and maintain backflow prevention devices
CPCPWT4023A	Commission and maintain hot and heated water temperature control devices
TAEDEL402	Plan, organise and facilitate learning in the workplace
Plumbing and services – Management stream	
BSBPMG407A	Apply risk management techniques
BSBPMG522	Undertake project work
BSBSMB407	Manage a small team
BSBLDR402	Lead effective workplace relationships
CPCCBC4008B	Conduct on-site supervision of building and construction projects
CPCCBC4009B	Apply legal requirements to building and construction projects
CPCCBC4017A	Arrange resources and prepare for the building or construction project
CPCCBC4019A	Apply sustainable building design principles to water management systems
CPCCBC4020A	Build thermally efficient and sustainable structures
CPCCBC4021A	Minimise waste on the building and construction site
CPCCBC4026A	Arrange building applications and approvals
CPCPCM4013A	Produce 2-D architectural drawings using CAD software
CPCPCM4014A	Prepare simple sketches and drawings
CPCPDR4011B	Design and size sanitary drainage systems
CPCPDR4012B	Design and size stormwater drainage systems
CPCPDR4013B	Design and size domestic treatment plant disposal systems
CPCPFS4024A	Design residential and domestic fire sprinkler systems
CPCPGS4011C	Design and size consumer gas installations
CPCPGS4022A	Service Type A gas appliances
CPCPGS4023B	Install, commission and service Type B gas appliances

CPCPMS4011B	Design, size and lay out heating and cooling systems
CPCPMS4022A	Commission air and water systems
CPCPRF4011B	Design and size roof drainage systems
CPCPSN4011B	Design and size sanitary plumbing systems
CPCPWT4011B	Design and size heated and cold water services and systems
CPCPWT4022A	Commission and maintain backflow prevention devices
CPCPWT4023A	Commission and maintain hot and heated water temperature control devices
TAEDEL402	Plan, organise and facilitate learning in the workplace
Plumbing and services – Operations stream	
BSBCUS301	Deliver and monitor a service to customers
CPCCBC4019A	Apply sustainable building design principles to water management systems
CPCCBC4020A	Build thermally efficient and sustainable structures
CPCCBC4021A	Minimise waste on the building and construction site
CPCCBC4034A	Apply codes and standards to building trade and services contracting
CPCPFS4024A	Design residential and domestic fire sprinkler systems
CPCPGS4022A	Service Type A gas appliances
CPCPGS4023B	Install, commission and service Type B gas appliances
CPCPMS4011B	Design, size and lay out heating and cooling systems
CPCPMS4022A	Commission air and water systems
CPCPMS4023A	Design compressed air systems
CPCPWT4022A	Commission and maintain backflow prevention devices
CPCPWT4023A	Commission and maintain hot and heated water temperature control devices
Plumbing and services – Hydraulic services design stream	
BSBPMG407A	Apply risk management techniques
BSBPMG522	Undertake project work
BSBSMB407	Manage a small team
BSBLDR402	Lead effective workplace relationships
CPCPCM4013A	Produce 2-D architectural drawings using CAD software
CPCPCM4014A	Prepare simple sketches and drawings
CPCPFS4024A	Design residential and domestic fire sprinkler systems
CPCPGS4011C	Design and size consumer gas installations
TAEDEL402	Plan, organise and facilitate learning in the workplace

CPC40920 - Certificate IV in Plumbing and Services (Release 3)

Packaging Rules

To be awarded this qualification, competency must be achieved in:

- 15 units of competency:
- 10 core units
- 5 elective units.

For the award of the **CPC40920 Certificate IV in Plumbing and Services (Hydraulic services design)** electives are to be selected as follows:

- 15 units of competency:
- 10 core units
- 5 elective units from Group A
- 2 units may be replaced by units from other Training Packages or nationally accredited courses at Certificate IV level and above, provided they do not duplicate the outcome of another unit chosen for the qualification.
- Electives cannot be selected from Group B.

For the award of the **CPC40920 Certificate IV in Plumbing and Services (Operations)** electives are to be completed as follows:

- 15 units of competency:
- 10 core units
- at least 1 elective from Group B
- the remaining 4 elective units from Group A or Group B
- 2 units may be replaced by units from other Training Packages or nationally accredited courses at Certificate IV level and above, provided they do not duplicate the outcome of another unit chosen for the qualification.

The elective units must ensure the integrity of the AQF alignment and contribute to a valid, industry-supported vocational outcome.

An asterisk (*) against a unit code below indicates that the unit has a prerequisite. Please check the unit for information on this. All prerequisites are packaged in the qualification.

Core Units	
BSBESB402	Establish legal and risk management requirements of new business ventures
CPCCBC4012	Read and interpret plans and specifications
CPCPCM4011	Carry out work-based risk control processes

CPCPCM4012	Estimate and cost work
CPCPCM4015	Access and interpret regulatory requirements for the plumbing and services industry
CPCPDR4011	Design and size sanitary drainage systems
CPCPDR4012	Design and size stormwater drainage systems
CPCPGS4011	Design and size consumer gas installations
CPCPSN4011	Design and size sanitary plumbing systems
CPCPWT4011	Design and size heated and cold-water services and systems
Group A	
BSBESB403	Plan finances for new business ventures
CPCCBC4002	Manage work health and safety in the building and construction workplace
CPCCBC4019	Apply sustainable building design principles to water management systems
CPCCBC4024	Resolve business disputes
CPCPCM4013	Produce 2-D architectural drawings using design software
CPCPDR4013	Design and size domestic treatment plant disposal systems
CPCPPS5033*	Design vacuum sewerage systems
CPCPFS4024*	Design residential fire sprinkler systems
CPCPMS4011	Design, size and lay out heating and cooling systems
CPCPMS4023	Design compressed air systems
CPCPRF4011	Design and size roof drainage systems
Group B	
CPCPCM2043	Carry out WHS requirements
CPCPDR3023*	Install on-site domestic wastewater treatment plants and disposal systems
CPCPFS3037*	Install residential life safety sprinkler systems
CPCPFS4021	Commission domestic and residential fire suppression sprinkler systems
CPCPGS3053	Disconnect and reconnect Type A gas appliances
CPCPGS4022*	Service Type A gas appliances
CPCPGS4023*	Install, commission and service Type B gas appliances
CPCPMS4022*	Commission air and water systems
CPCPWT3022*	Install and commission water heating systems and adjust controls and devices
CPCPWT3027*	Install backflow prevention devices
CPCPWT4022*	Commission and maintain backflow prevention devices
CPCPWT4023*	Commission and maintain hot and heated water temperature control devices
UEERL0004	Disconnect-reconnect electrical equipment connected to low voltage (LV) installation wiring

22504VIC Certificate III in Prefabrication Installation

To be eligible for the award of 22504VIC Certificate III in Prefabrication Installation, learners must successfully complete a total of 18 units comprising:

- 13 core units

- 5 elective units consisting of:

- O A minimum of 1 unit selected from Group A

- O 4 units selected from Group A and/or B or any currently endorsed units that appear within a training package qualification or accredited course.

All electives chosen must contribute to a valid, industry-supported vocational outcome and must support the job role and overall integrity of the AQF level of this qualification and should not duplicate the outcomes of the core units. A Statement of Attainment will be issued for each unit of competency completed if the full qualification is not completed.

Core	
VU22699	Work effectively in prefabricated construction
VU22700	Work collaboratively with others in prefabricated construction
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
CPCCWHS1001	Prepare to work safely in the construction Industry
CPCCCM2010B	Work safely at heights
CPCCCM3004	Identify and apply information in construction plans, drawings and specifications
CPCCCM1015	Carry out measurements and calculations
VU22701	Set out and mark out components
CPCCCM3006	Carry out levelling operations
CPCCCA2002B	Use carpentry tools and equipment
CPCCSH2003A	Apply and install sealant and sealant devices
CPCCCM2007	Use explosive power tools
CPCCCM3001	Operate elevated work platforms up to 11 metres
Group A - Prefabrication Installation Specialist elective units	
VU22702	Assemble and install panelised components onsite
VU22703	Combine and install modular components onsite
VU22704	Install prefabricated pod components
Group B General elective units	
CPCCCM1013	Plan and organise work
CPCCCM2005B	Use construction tools and equipment
CPCCSF2001A	Handle steel fixing materials
CPCCSF2002A	Use steel fixing tools and equipment
CPCPDR2026A	Install prefabricated inspection openings and enclosures
MSMENV272	Participate in environmentally sustainable work practices

MSMPER200	Work in accordance with an issued permit
MSS402040	Apply 5S procedures
MSS402051	Apply quality standards
PMBHAN103	Shift materials safely by hand

CPC50308 - Diploma of Building and Construction (Management) (Release 3)

Packaging Rules

To achieve this qualification, the candidate must demonstrate competency in:

- 12 units of competency:
- 5 core units
- 7 elective units.

The elective units are to be chosen as follows:

- up to 7 units from general elective units
- up to 3 units from qualifications in CPC08 or another current Training Package or state accredited course, provided the integrity of the AQF alignment is ensured, they contribute to a valid, industry-supported vocational outcome, and that no more than:
 - 2 units from a Diploma qualification
 - 1 unit from a Certificate IV
 - 1 unit from an Advanced Diploma qualification.

Some units in this qualification may have prerequisite requirements, which must be met when packaging the qualification. Users are referred to the list of CPC08 units with prerequisite unit requirements available in this Training Package for this purpose.

Core units	
BSBFIM501A	Manage budgets and financial plans
BSBHRM402A	Recruit, select and induct staff
BSBMGT515A	Manage operational plan
BSBOHS504B	Apply principles of OHS risk management
BSBWOR502B	Ensure team effectiveness
Elective units	
BSBCUS501	Manage quality customer service
BSBHRM509	Manage rehabilitation or return to work programs
BSBINN502	Build and sustain an innovative work environment
BSBITA401	Design databases
BSBITU402	Develop and use complex spreadsheets
BSBITU404	Produce complex desktop published documents
BSBLED502	Manage programs that promote personal effectiveness
BSBMGT502	Manage people performance
BSBPMG504A	Manage project costs
BSBPMG505A	Manage project quality
BSBPMG507A	Manage project communications
BSBPMG508A	Manage project risk
BSBSLS502	Lead and manage a sales team

BSBWOR501	Manage personal work priorities and professional development
CPCCBC5001B	Apply building codes and standards to the construction process for medium rise building projects
CPCCBC5002A	Monitor costing systems on medium rise building and construction projects
CPCCBC5003A	Supervise the planning of on-site medium rise building or construction work
CPCCBC5004A	Supervise and apply quality standards to the selection of building and construction materials
CPCCBC5005A	Select and manage building and construction contractors
CPCCBC5006B	Apply site surveys and set-out procedures to medium rise building projects
CPCCBC5007B	Administer the legal obligations of a building or construction contractor
CPCCBC5009A	Identify services layout and connection methods to medium rise construction projects
CPCCBC5010B	Manage construction work
CPCCBC5011A	Manage environmental management practices and processes in building and construction
CPCCBC5012A	Manage the application and monitoring of energy conservation and management practices and processes
CPCCBC5013A	Develop professional technical and legal reports on building and construction projects
CPCCBC5018A	Apply structural principles to the construction of medium rise buildings
CPCSUS5001A	Develop workplace policies and procedures for sustainability
CPPDSM5022A	Implement asset management plan

CPC50320 - Diploma of Building and Construction (Management) (Release 3)

Packaging Rules

To achieve this qualification, the candidate must demonstrate competency in:

- 15 units of competency:
- 8 core units
- 7 elective units.

The elective units are to be chosen as follows:

- up to 7 units from general elective units
- a maximum of two units may be from any training package or accredited course as long as they ensure the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contribute to a valid, industry supported vocational outcome

Prerequisite units

An asterisk (*) next to the unit code indicates that there are prerequisite requirements which must be met when packaging the qualification. Please refer to the Prerequisite requirements table for details.

Prerequisite requirements

Unit of competency	Prerequisite requirement
CPCCBC5018 Apply structural principles to the construction of buildings up to 3 storeys	CPCCBC5001 Apply building codes and standards to the construction process for Type B construction CPCCBC4053 Apply building codes and standards to the construction process for Class 2 to 9, Type C buildings
Core Units	
BSBPMG536	Manage project risk
BSBWHS513	Lead WHS risk management
CPCCBC4001	Apply building codes and standards to the construction process for Class 1 and 10 Buildings
CPCCBC4053	Apply building codes and standards to the construction process for Class 2 to 9, Type C Buildings
CPCCBC5002	Monitor costing systems on complex building and construction projects
CPCCBC5005	Select and manage building and construction contractors
CPCCBC5007	Administer the legal obligations of a building or construction contractor
CPCCBC5019	Manage building and construction business finances
Elective Units	

BSBHRM415	Coordinate recruitment and onboarding
BSBOPS502	Manage business operational plans
BSBOPS505	Manage organisational customer service
BSBPEF502	Develop and use emotional intelligence
BSBPMG532	Manage project quality
CPCBIM4001	Plan to comply with BIM requirements for construction work
CPCBIM4002	Use BIM processes to carry out construction work
CPCBIM4003	Contribute to BIM deliverables for construction work
CPCCBC4003	Select, prepare and administer construction contract
CPCCBC4004	Identify and produce estimated costs for building and construction projects
CPCCBC4052	Lead and manage teams in the building and construction industry
CPCCBC5001	Apply building codes and standards to the construction process for Type B construction
CPCCBC5003	Supervise the planning of onsite building or construction work
CPCCBC5004	Supervise and apply quality standards to the selection of building and construction materials
CPCCBC5006	Apply site surveys and set-out procedures to building projects up to 3 storeys
CPCCBC5009	Identify services layout and connection methods for Type B and C construction
CPCCBC5010	Manage construction work
CPCCBC5011	Manage environmental management practices and processes in building and construction
CPCCBC5012	Manage the application and monitoring of energy conservation and management practices and processes
CPCCBC5013	Develop professional technical and legal reports on building and construction projects
CPCCBC5018*	Apply structural principles to the construction of buildings up to 3 storeys
CPCSUS5001	Develop workplace policies and procedures for sustainability
CPPBDN5101	Produce digital 3-D models of building designs
CPPDSM5022A	Implement asset management plan

CPC50220 - Diploma of Building and Construction (Building) (Release 1)

Packaging Rules

To achieve this qualification, the candidate must demonstrate competency in:

- 27 units of competency:
- 24 core units
- 3 elective units
- a maximum of one unit may be from any training package or accredited course as long as it ensures the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contributes to a valid, industry supported vocational outcome.

Prerequisite units

An asterisk (*) next to the unit code indicates that there are prerequisite requirements which must be met when packaging the qualification. Please refer to the Prerequisite requirements table for details.

Core Units	
BSBOPS504	Manage risk
BSBWHS513	Lead WHS risk management
CPCCBC4001	Apply building codes and standards to the construction process for Class 1 and 10 buildings
CPCCBC4003	Select, prepare and administer a construction contract
CPCCBC4004	Identify and produce estimated costs for building and construction projects
CPCCBC4005	Produce labour and material schedules for ordering
CPCCBC4008	Supervise site communication and administration processes for building and construction projects
CPCCBC4009	Apply legal requirements to building and construction projects
CPCCBC4010*	Apply structural principles to residential and commercial constructions
CPCCBC4012	Read and interpret plans and specifications
CPCCBC4013	Prepare and evaluate tender documentation
CPCCBC4014	Prepare simple building sketches and drawings
CPCCBC4018	Apply site surveys and set-out procedures to building and construction projects
CPCCBC4053	Apply building codes and standards to the construction process for Class 2 to 9, Type C buildings
CPCCBC5001	Apply building codes and standards to the construction process for Type B construction
CPCCBC5002	Monitor costing systems on complex building and construction projects
CPCCBC5003	Supervise the planning of onsite building and construction work
CPCCBC5005	Select and manage building and construction contractors
CPCCBC5007	Administer the legal obligations of a building and construction contractor

CPCCBC5010	Manage construction work
CPCCBC5011	Manage environmental management practices and processes in building and construction
CPCCBC5013	Manage professional technical and legal reports on building and construction projects
CPCCBC5018*	Apply structural principles to the construction of buildings up to 3 storeys
CPCCBC5019	Manage building and construction business finances
Elective Units	
BSBPMG532	Manage project quality
BSBPMG538	Manage project stakeholder engagement
CPCCBC4052	Lead and manage teams in the building and construction industry
CPCCBC5004	Supervise and apply quality standards to the selection of building and construction materials
CPCCBC5006	Apply site surveys and set-out procedures to building projects up to three storeys
CPCCBC5009	Identify services layout and connection methods for Type C and B construction
CPCCBC5012	Manage the application and monitoring of energy conservation and management practices and processes
CPCCBC6001	Apply building codes and standards to the construction process for large building projects
CPCCDE5001	Conduct air monitoring and clearance inspections for asbestos removal work
CPCSUS5001	Develop workplace policies and procedures for sustainability
CPCSUS5002	Develop action plans to retrofit existing buildings for energy efficiency
CPCSUS5003	Manage energy efficient building methods and strategies
CPPDSM5022A	Implement asset management plan

Prerequisite requirements

Unit of competency	Prerequisite requirement
CPCCBC5018 Apply structural principles to the construction of buildings up to 3 storeys	CPCCBC5001 Apply building codes and standards to the construction process for Type B construction CPCCBC4053 Apply building codes and standards to the construction process for Class 2 to 9, Type C buildings
CPCCBC4010 Apply structural principles to residential and commercial constructions	CPCCBC4053 Apply building codes and standards to the construction process for Class 2 to 9 Type C buildings CPCCBC4001 Apply building codes and standards to the construction process for Class 1 and 10 buildings

CPP50921 - Diploma of Building Design (Release 2)

Packaging Rules

To achieve this qualification, competency must be demonstrated in **12 units** of competency consisting of **9 core and 3 elective** units. Electives are to be chosen as follows:

- all three units from the electives listed below, or
- two units from the electives listed below, plus one unit selected from:
 - the CPP60421 Advanced Diploma of Building Design qualification, or
 - any current AQF level 5 qualification or accredited course, provided the unit contributes to a valid, industry-supported vocational outcome and do not duplicate the outcome of another unit used to achieve this qualification.

Core	
BSBESB402	Establish legal and risk management requirements of new business ventures
CPCCBC4015	Prepare specifications for all construction works
CPPBDN5101	Produce digital 3-D models of building designs
CPPBDN5102	Produce compliant designs for Class 1 and 10 buildings
CPPBDN5103	Produce compliant designs for Class 2-9 buildings up to two storeys
CPPBDN5104	Prepare drawings for planning and building approval for Class 2-9 buildings up to two storeys
CPPBDN5105	Evaluate construction materials and methods for Class 2-9 buildings up to two storeys
CPPBDN5106	Determine compliance requirements for Class 2-9 buildings up to two storeys
CPPBDN5107	Manage contracts for small-scale building design projects
Electives	
BSBESB401	Research and develop business plans
BSBPMG426	Apply project risk management techniques
CPPBDN5108	Design timber framed buildings
CPPBDN5109	Recommend sustainability solutions for small-scale building design projects
CPPBDN5110	Inspect and assess sites to inform the design process
CPPBDN5111	Produce rendered animations of 3-D models of small-scale building designs
CPPBDN6106	Produce building information modelling for building design projects
CPCCWHS1001	Prepare to work safely in the construction industry
PUAFIR518	Conduct and record a Bushfire Attack Level (BAL) assessment

MSF31113 - Certificate III in Cabinet Making (Release 6)

Packaging Rules

To be awarded the MSF31113 Certificate III in Cabinet Making, competency must be achieved in **twenty-eight (28)** units of competency.

- **six (6)** core units of competency
- **twenty-two (22)** elective units of competency.

Note: Units marked with an asterisk have one or more prerequisites and must be considered in the total number of units. Please refer to individual units for details.

CORE UNITS

Complete all **six (6)** units from this list.

Unit code	Unit title
MSMENV272	Participate in environmentally sustainable work practices
MSMSUP102	Communicate in the workplace
MSMSUP106	Work in a team
MSFFM2001	Use furniture making hand and power tools
MSFGN2001	Make measurements and calculations
MSFGN3001	Read and interpret work documents

ELECTIVE UNITS

Select **twenty-two (22)** units from Groups A to F as specified below.

Generic qualification

- **one (1)** unit from Group A
- a minimum of **eight (8)** units in any combination from Groups B, C or D
- a minimum of **eight (8)** units from Group E

Pathway 1 – Furniture

- **one (1)** unit from Group A
- a minimum of **eight (8)** units from groups B or D
- a minimum of **eight (8)** units from Group E

Pathway 2 – Kitchens and Bathrooms

- **one (1)** unit from Group A
- a minimum of **eight (8)** units from Groups C or D
- and a minimum of **eight (8)** units from Group E

The balance of units (up to 5) can be chosen from Group F, or from Groups B, C or D.

Group A

Unit code	Unit title
CPCCWHS1001	Work safely in the construction industry
	OR
MSMWHS200	Work safely

Group B

Unit code	Unit title
MSFFF2004	Prepare surfaces for finishing
MSFFM2002	Assemble furnishing components
MSFFM2005	Join solid timber
MSFFM2006	Hand make timber joints
MSFFM3002	Construct furniture using leg and rail method
MSFFM3005	Fabricate custom furniture
MSFFM3006	Install furnishing products

Group C

Unit code	Unit title
MSFKB2001	Prepare for cabinet installation
MSFKB3002	Determine requirements for installation of cabinets
MSFKB3003	Check and measure fit of cabinets
MSFKB3004	Conduct on-site adjustments to cabinets and components
MSFKB3005	Fabricate cabinets for the built-in environment
MSFKB3006	Install fitted cabinets and components
MSFKB3011	Plan kitchen and bathroom projects

Group D

Unit code	Unit title
BSBCUS301	Deliver and monitor a service to customers
MSFFM2003	Select and apply hardware
MSFFM2010	Set up, operate and maintain basic static machines
MSFFM2011	Apply manufactured board conversion techniques
MSFFM3010	Prepare cutting list from plans and job specifications
MSFFM3021	Set up, operate and maintain computer numerically controlled (CNC) sizing machines

MSFFM3022	Set up, operate and maintain computer numerically controlled (CNC) machining and processing centres
MSFGN3002	Estimate and cost job
MSS402082	Apply cost factors to work practices

Group E

Unit code	Unit title
CUAACD302	Produce computer-aided drawings
MSMOPS363	Organise on-site work
MSMPER200	Work in accordance with an issued permit
MSMSUP390	Use structured problem solving tools
MSFFF2006	Apply surface coatings by spray gun
MSFFM2012	Set up, operate and maintain pressure and clamping machines
MSFFM3001	Construct chair and couch frames
MSFFM3003	Produce angled and curved furniture using manufactured board
MSFFM3004	Produce angled and curved furniture using solid timber
MSFFM3007	Prepare and apply decorative surfaces for furniture
MSFFM3008	Select timbers for furniture production
MSFFM3009	Produce manual and computer-aided production drawings
MSFFM3011	Measure and draw site layout for manufactured furniture products
MSFFM3012	Set up, operate and maintain sawing machines
MSFFM3013	Set up, operate and maintain drilling machines
MSFFM3014	Set up, operate and maintain joining machines
MSFFM3015	Set up, operate and maintain planing and finishing machines
MSFFM3016	Set up, operate and maintain multi-head planing and moulding machines
MSFFM3017	Set up, operate and maintain routing and shaping machines
MSFFM3018	Set up, operate and maintain mechanical wood-turning lathes
MSFFM3019	Set up, operate and maintain automated edge banding machines
MSFFM3020	Fabricate synthetic solid surface products
MSFFM3023	Produce and maintain cutting tools
MSFFM3024	Construct jigs and fixtures
MSFFT4001	Coordinate on-site installation of furnishing products
MSFFT4007	Sample, inspect and test products to specifications
MSFFT4008	Interpret and use workplace information
MSFFT4009	Match furnishing style and materials to customer requirements
MSS402001	Apply competitive manufacturing practices
MSS402002	Sustain process improvements
MSS402010	Manage the impact of change on own work

MSS402020	Apply quick changeover procedures
MSS402021	Apply Just in Time procedures
MSS402040	Apply 5S procedures
MSS402050	Monitor process capability
MSS402051	Apply quality standards
MSS402083	Use planning software systems in operations
MSS402061	Use SCADA systems in operations
MSS402080	Undertake root cause analysis
MSS402081	Contribute to the application of a proactive maintenance strategy
TLID2003	Handle dangerous goods/hazardous substances

Group F

Up to **five (5)** relevant units may be chosen from units not already selected from Groups B to E, or units available in this Training Package or other endorsed Training Packages and accredited courses. Those units must be aligned at Certificate II level (maximum 1 unit), Certificate III level (maximum 5 units) or Certificate IV level (maximum 1 unit).

Units selected from other Training Packages and accredited courses via Group F must be relevant to the qualification outcome and not duplicate units available within this qualification.

MSF30322 - Certificate III in Cabinet Making and Timber Technology (Release 2)

Packaging Rules

Total number of units = 25

- 8 core units
- 17 elective units, consisting of:
 - 8 to 13 units from Groups A to F
 - 3 to 8 units from Group G
 - 1 or 2 units from Group H
 - up to 5 units not listed below from any endorsed Training Package or accredited course. These units:
 - must be relevant to the work outcome as outlined in the qualification description above
 - must not duplicate the outcome of other units used to achieve this qualification
 - must not include any unit coded MSFFP
 - must not include more than 1 unit aligned at a level lower than Australian Qualifications Framework Level 3.

All electives chosen must contribute to a valid, industry-supported vocational outcome.

Electives from Groups A to F can be packaged to provide a qualification with a specialisation.

Certificate III in Cabinet Making and Timber Technology (Furniture): 5 units from Group A

Certificate III in Cabinet Making and Timber Technology (Kitchens and Bathrooms): 5 units from Group B

Certificate III in Cabinet Making and Timber Technology (Marine Cabinetry): 5 units from Group C

Certificate III in Cabinet Making and Timber Technology (Wood Machining): 7 units from Group D

Certificate III in Cabinet Making and Timber Technology (Coopering): 4 units from Group E

Certificate III in Cabinet Making and Timber Technology (Drafting): 4 units from Group F

Where units are included to meet more than one specialisation, a multiple specialisation can be achieved, with each specialisation bracketed separately, e.g., Certificate III in Cabinet Making and Timber Technology (Marine Cabinetry) (Drafting). Multiple specialisations must meet industry-recognised occupational needs.

CORE UNITS

Unit code	Unit title
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MSFFM2013	Use furniture making hand and power tools
MSFFM3030	Produce manual and computer-aided production drawings
MSFFM3031	Prepare cutting lists from design and production documentation
MSFGN2001	Make measurements and calculations
MSFGN3005	Read and interpret work documents
MSMENV272	Participate in environmentally sustainable work practices
MSMSUP102	Communicate in the workplace
MSMSUP106	Work in a team

ELECTIVE UNITS

Some units are listed under more than one heading. A unit may only be selected once.

Group A: Furniture

Unit code	Unit title
MSFFF2012	Prepare surfaces for finishing
MSFFM2016	Join solid timber
MSFFM2017	Hand make timber joints
MSFFM2018	Operate basic static machines safely
MSFFM3025	Construct furniture using leg and rail method
MSFFM3026	Produce angled and curved components using manufactured board
MSFFM3027	Produce angled and curved components using solid timber
MSFFM3028	Prepare and apply decorative surfaces for furnishing products
MSFFM3029	Select timbers for furniture production

Group B: Kitchens and bathrooms

Unit code	Unit title
MSFFM3038	Set up, operate and maintain automated edge banding machines
MSFFM3041	Determine and document requirements for cabinetry installation
MSFFM3042	Fabricate cabinetry
MSFFM3043	Install cabinetry
MSFFM3045	Set up, operate and maintain computer numerically controlled (CNC) machining and processing centres
MSFKB2003	Prepare for cabinetry installation
MSFKB3012	Plan kitchen and bathroom projects

Group C: Marine cabinetry

Unit code	Unit title
AURVTT121	Select and apply adhesives in automotive and marine service and repair work
CPCCCA3014	Construct and install bulkheads (prerequisite: CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry)
CPCCPB3004	Fix wet area sheets (prerequisite: CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry)

CPCCWC3004	Install suspended ceilings (prerequisite: CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry)
CPCSH3005	Apply and trim decorative additions to shopfittings and components
MSFFL2038	Install lay flat vinyl floor coverings

Group D: Wood Machining

Unit code	Unit title
MSFFM3032	Set up, operate and maintain sawing machines
MSFFM3033	Set up, operate and maintain drilling machines
MSFFM3034	Set up, operate and maintain joining machines
MSFFM3035	Set up, operate and maintain planing and finishing machines
MSFFM3036	Set up, operate and maintain multi-head planing and moulding machines
MSFFM3037	Set up, operate and maintain routing and shaping machines
MSFFM3044	Set up, operate and maintain computer numerically controlled (CNC) sizing machines
MSFFM3045	Set up, operate and maintain computer numerically controlled (CNC) machining and processing centres

Group E: Coopering

Unit code	Unit title
MSFCP2005	Use coopering sector hand and power tools
MSFCP3001	Produce barrels using non-fired processes
MSFCP3002	Produce barrels using fired processes
MSFCP3003	Maintain and repair barrels

Group F: Drafting

Unit code	Unit title
CUAACD312	Produce computer-aided drawings
MSFFDM4002	Collect and interpret information to support production processes
MSFFDM4012	Produce computer-aided line and component production drawings
MSFFDM4014	Produce manual and computer-aided drawings from design concepts

Group G: General electives

Unit code	Unit title
BSBOPS304	Deliver and monitor a service to customers
CPCCJN3003	Manufacture components for doors, windows and frames
MSFFDM4005	Design, construct and test jigs
MSFFDM4009	Match furnishing style and materials to customer requirements
MSFFDM4018	Research and organise product inspection and testing
MSFFF2009	Use furniture finishing sector hand and power tools
MSFFF2012	Prepare surfaces for finishing
MSFFF2013	Maintain spray equipment and booth

MSFFF2014	Apply surface coatings by spray gun
MSFFF3010	Match and make up colours
MSFFF3012	Apply plural component coatings
MSFFF3016	Apply graining and decorative finishes
MSFFM2014	Select and apply hardware
MSFFM2015	Apply sheet laminates by hand
MSFFM2019	Assemble furnishing products
MSFFM3043	Install cabinetry
MSFFM3038	Set up, operate and maintain automated edge banding machines
MSFFM3039	Fabricate synthetic solid surface products
MSFFM3040	Produce and maintain cutting tools
MSFFT4013	Coordinate onsite installation of cabinetry
MSFGN3006	Estimate and cost job
MSMOPS363	Organise on-site work
MSMPER200	Work in accordance with an issued permit
MSMSUP390	Use structured problem-solving tools
MSS402003	Apply competitive systems and practices
MSS402056	Apply and improve standardised work practices
TLID0021	Store and handle dangerous goods and hazardous substances

Group H: Safe work

Unit code	Unit title
MSMWHS200	Work safely
CPCWHS1001	Prepare to work safely in the construction industry
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry