



Australian Government

CPC40120 Certificate IV in Building and Construction

Release: 7

CPC40120 Certificate IV in Building and Construction

Modification History

- Release 7 This version first released with CPC Construction, Plumbing and Services Training Package Release 9.0.
Addition of unit CPCPRE4001 Inspect the erection of prefabricated concrete elements to the elective group.
- Release 6 This version first released with CPC Construction, Plumbing and Services Training Package Release 8.0.
Unit BSBPMG426 Apply project risk management techniques added to metadata.
- Release 5 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.6.
Unit CPCBC4052 Lead and manage teams in the building and construction industry added to metadata.
- Release 4 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.2.
Imported Elective unit BSBWOR501 Manage personal work priorities and professional development updated to BSBPEF501 Manage personal and professional development.
- Release 3 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.1.
Addition of 3 units of competency to the General Electives:
- 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
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.
Imported unit *BSBPEF501 Manage personal and professional development* replaced by *BSBWOR501 Manage personal work priorities and professional development*. Units listed alphanumerically.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and is equivalent to CPC40110 Certificate IV in Building and Construction (Building).
 - Supersedes and is equivalent to CPC40508 Certificate IV in Building and Construction (Site Management).

Updated imported elective units to current versions.

Qualification Description

This qualification reflects the role of builders, site managers and managers of small to medium-sized building businesses who apply knowledge of structural principles, codes, standards and legal requirements to Class 1 and 10, to a maximum of two storeys and Class 2 to 9 Type C constructions, and who plan and supervise safe building and construction work, prepare and administer contracts, and who apply quality principles to building and construction projects.

Building relates to construction and Site Management is about managing the factors around construction, such as the deployment of crews with specialised skills (including builders), product compliance, deployment of contract specialised skills, weather and site location.

Occupational titles depending on packaging options selected may include:

- Builder
- Construction Supervisor
- Site Manager
- Site Supervisor
- Leading Hand

The qualification is designed to enable two specialised occupational outcome pathways depending on elective options which will be reflected as:

- Certificate IV in Building and Construction (Building) or
- Certificate IV in Building and Construction (Site Management)

Completion of the general construction induction training program specified by the model Code of Practice for Construction Work is required for any person who is to carry out construction work. Achievement of unit CPCCWHS1001 *Prepare to work safely in the construction industry* meets this requirement.

Builder and Site Supervisor licensing varies across States and Territories and requirements additional to the attainment of this qualification may be required.

Entry Requirements

There are no entry requirements for this qualification.

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
CPCBC4010 Apply structural principles to residential and commercial constructions.	CPCBC4053 Apply building codes and standards to the construction process for Class 2 to 9 Type C buildings. CPCBC4001 Apply building codes and standards to the construction process for Class 1 and 10 buildings.

Core Units

CPCBC4001	Apply building codes and standards to the construction process for Class 1 and 10 Buildings
CPCBC4002	Manage work health and safety in the building and construction workplace
CPCBC4007	Plan building and construction work
CPCBC4008	Supervise site communication and administration processes for building and construction projects
CPCBC4009	Apply legal requirements to building and construction projects

- CPCBC4010* Apply structural principles to residential and commercial constructions
- CPCBC4012 Read and interpret plans and specifications
- CPCBC4014 Prepare simple building sketches and drawings
- CPCBC4018 Apply site surveys and set-out procedures to building and construction projects
- CPCBC4021 Minimise waste on the building and construction site
- CPCBC4053 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
- CPCBC4003 Select, prepare and administer a construction contract
- CPCBC4004 Identify and produce estimated costs for building and construction projects
- CPCBC4005 Produce labour and material schedules for ordering
- CPCBC4006 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

- CPCBC4013 Prepare and evaluate tender documentation
- CPCBC4017 Arrange resources and prepare for the building and construction project
- CPCBC4052 Lead and manage teams in the building and construction industry
- CPCCO4001 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
CPCCCBC4015	Prepare specifications for all construction works
CPCCCBC4019	Apply sustainable building design principles to water management systems
CPCCCBC4020	Build thermally efficient and sustainable structures
CPCCCBC4022	Supervise tilt-up work
CPCCCBC4024	Resolve business disputes
CPCCCBC4026	Arrange building applications and approvals
CPCCCBC4028	Prepare design brief for construction works
CPCCCBC5019	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

Qualification Mapping Information

CPC Construction, Plumbing and Services Training Package Release 5.0	CPC08 Construction, Plumbing and Services Training Package	Comments	E/NE
CPC40120 Certificate IV in Building and Construction	CPC40110 Certificate IV in Building and Construction (Building)	<p>Supersedes and is equivalent to CPC40110 Certificate IV in Building and Construction (Building).</p> <p>Increase in total number of units for qualification outcome.</p> <p>Changes to core and elective units and packaging rules.</p> <p>Changed terminology of qualification occupational titles and outcome from building to builder.</p> <p>Updated imported elective units to current versions.</p>	E
CPC40120 Certificate IV in Building and Construction	CPC40508 Certificate IV in Building and Construction (Site Management)	<p>Supersedes and is equivalent to CPC40508 Certificate IV in Building and Construction (Site Management).</p> <p>Increase in total number of units for qualification outcome.</p> <p>Changes to core and elective units and packaging rules.</p> <p>Changed terminology of qualification occupational titles and outcome from site management to site manager.</p> <p>Updated imported elective units to current versions.</p>	E

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Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>