

Qualification Template

QUALIFICATION CODE

CPC40120

QUALIFICATION TITLE

Certificate IV in Building and Construction

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.

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 (Builder) or
- Certificate IV in Building and Construction (Site Manager)

The construction industry strongly affirms that training and assessment leading to recognition of skills must be undertaken in a real or very closely simulated workplace environment. To achieve this qualification, the candidate must have access to a live building and construction workplace to meet the requirements detailed in the Assessment Requirements of core unit *CPCCBC4008 Supervise communication and administration processes for building and construction projects*.

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
- remaining units from either Group B 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

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

- All Group B electives
- up to 4 units from Group A electives
- remaining units from 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

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

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 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

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
BSBPMG411	Apply project quality management techniques

Elective Units

Group B – Site Manager

CPCCO4001	Supervise concreting work
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

General Electives

BSBLDR402	Lead effective workplace relationships
BSBPMG522	Undertake project work
BSBPMG415	Apply project risk management techniques
BSBSMB401	Establish legal and risk management requirements of small business
BSBSMB420	Evaluate and develop small business operations
BSBSMB421	Manage small business finances
BSBWRT401	Write complex documents
BSBWOR501	Manage personal work priorities and professional development
CPCBC4015	Prepare specifications for all construction works
CPCBC4019	Apply sustainable building design principles to water management systems
CPCBC4020	Build thermally efficient and sustainable structures
CPCBC4022	Supervise tilt-up work
CPCBC4024	Resolve business disputes
CPCBC4026	Arrange building applications and approvals
CPCBC4028	Prepare design brief for construction works
CPCBC5019	Manage building and construction business finances
CPCSUS4001	Implement and monitor environmentally sustainable work practices
CPCSUS4003	Maximise energy efficiency through applied trade skills

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

QUALIFICATION MAPPING INFORMATION

Code and Title	CPC08 Construction, Plumbing and Services Training Package	Comments	Equivalency statement
CPC40120 Certificate IV in	CPC40110	Supersedes and is equivalent to CPC40110 Certificate IV in	E

Building and Construction	Certificate IV in Building and Construction (Building)	<p>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>	
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

LINKS

An Implementation Guide to this Training Package is available at:

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>