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.

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

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**

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| --- | --- |
| 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

|  |  |
| --- | --- |
| 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

|  |  |
| --- | --- |
| CPCCCO4001 | Supervise concreting work |
| 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 |

**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 |
| 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  |
| CPCSUS4001 | Implement and monitor environmentally sustainable work practices  |
| CPCSUS4003 | Maximise energy efficiency through applied trade skills  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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 |

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# QUALIFICATION MAPPING INFORMATION

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| **Code and Title** | **CPC08 Construction, Plumbing and Services Training Package** | **Comments** | **Equivalency statement** |
| CPC40120 Certificate IV in Building and Construction  | CPC40110Certificate IV in Building and Construction (Building) | Supersedes and is equivalent to CPC40110 Certificate IV in Building and Construction (Building)Increase in total number of units for qualification outcome.Changes to core and elective units and packaging rules.Changed terminology of qualification occupational titles and outcome from building to builderUpdated imported elective units to current versions | E |
| CPC40120 Certificate IV in Building and Construction | CPC40508 Certificate IV in Building and Construction (Site Management)  | Supersedes and is equivalent to CPC40508 Certificate IV in Building and Construction (Site Management)Increase in total number of units for qualification outcome.Changes to core and elective units and packaging rules.Changed terminology of qualification occupational titles and outcome from site management to site manager.Updated imported elective units to current versions. | 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