



Australian Government

CPC50220 Diploma of Building and Construction (Building)

Release 1

CPC50220 Diploma of Building and Construction (Building)

Modification History

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPC50210 Diploma of Building and Construction (Building). Updated to meet the Standards for Training Packages 2012.

Qualification Description

This qualification reflects the role of building professionals who apply knowledge of structural principles, risk and financial management, estimating, preparing and administering building and construction contracts, selecting contractors, overseeing the work and its quality and managing construction work in building projects including residential and commercial with the following limitations:

- Residential construction limited to National Construction Code Class 1 and 10 buildings to a maximum of 3 storeys.
- Commercial construction limited to National Construction Code Class 2 to 9 buildings, Type C and B construction.

Occupational titles may include:

- Builder
- General Foreperson
- Building Inspector

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 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:

- 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
CPCCCBC4001	Apply building codes and standards to the construction process for Class 1 and 10 buildings
CPCCCBC4003	Select, prepare and administer a construction contract
CPCCCBC4004	Identify and produce estimated costs for building and construction projects
CPCCCBC4005	Produce labour and material schedules for ordering
CPCCCBC4008	Supervise site communication and administration processes for building and construction projects
CPCCCBC4009	Apply legal requirements to building and construction projects
CPCCCBC4010*	Apply structural principles to residential and commercial constructions
CPCCCBC4012	Read and interpret plans and specifications
CPCCCBC4013	Prepare and evaluate tender documentation
CPCCCBC4014	Prepare simple building sketches and drawings
CPCCCBC4018	Apply site surveys and set-out procedures to building and construction projects
CPCCCBC4053	Apply building codes and standards to the construction process for Class 2 to 9, Type C buildings

CPCCCBC5001	Apply building codes and standards to the construction process for Type B construction
CPCCCBC5002	Monitor costing systems on complex building and construction projects
CPCCCBC5003	Supervise the planning of onsite building and construction work
CPCCCBC5005	Select and manage building and construction contractors
CPCCCBC5007	Administer the legal obligations of a building and construction contractor
CPCCCBC5010	Manage construction work
CPCCCBC5011	Manage environmental management practices and processes in building and construction
CPCCCBC5013	Manage professional technical and legal reports on building and construction projects
CPCCCBC5018*	Apply structural principles to the construction of buildings up to 3 storeys
CPCCCBC5019	Manage building and construction business finances

Elective Units

BSBPMG532	Manage project quality
BSBPMG538	Manage project stakeholder engagement
CPCCCBC4052	Lead and manage teams in the building and construction industry
CPCCCBC5004	Supervise and apply quality standards to the selection of building and construction materials
CPCCCBC5006	Apply site surveys and set-out procedures to building projects up to three storeys
CPCCCBC5009	Identify services layout and connection methods for Type C and B construction
CPCCCBC5012	Manage the application and monitoring of energy conservation and management practices and processes
CPCCCBC6001	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

Qualification Mapping Information

CPC Construction, Plumbing and Services Training Package Release 5.0	CPC08 Construction, Plumbing and Services Training Package	Comments	E/N E
CPC50220 Diploma of Building and Construction (Building)	CPC50210 Diploma of Building and Construction (Building)	Supersedes and is equivalent to CPC50210 Diploma of Building and Construction (Building). Increase in total number of units for qualification	E

		<p>outcome.</p> <p>Changes to core and elective units and packaging rules.</p> <p>Updated imported core and elective units to current versions.</p> <p>Updated to meet the Standards for Training Packages 2012.</p>	
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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>