



Australian Government

CPC50722 Diploma of Construction Waterproofing Design and Survey

Release 1

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Modification History

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 9.0.

Newly created qualification.

Qualification Description

This qualification reflects the role of construction waterproofing design and survey specialists who apply knowledge of construction methods, compliance requirements and materials to implement waterproofing services for professional and statutory requirements.

The scope of work undertaken varies across jurisdictions and can include:

- conducting waterproofing inspections:
- at point of construction
- on existing building to identify issues and remediation requirements
- designing waterproofing for new construction
- designing remedial waterproofing solutions for existing buildings.

Waterproofing specialists require an understanding of relevant compliance requirements as well as of traditional, new and emerging construction methods and materials. They make a significant contribution to the development and construction of the built environment, often working in collaboration with other specialist consultants to assess and verify that proposed and actual building works are compliant and to ensure the safety of building occupants in support of principal designer and principal certifier.

Legislative, regulatory or certification requirements apply to waterproofing as a regulated design in some states and territories. Relevant state and territory regulatory authorities should be consulted to confirm those requirements.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 16 units of competency:
 - 11 core units

- 5 elective units.

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

- one (1) or more units must be chosen from elective Group A – Building Codes
- the remaining elective units may be chosen from elective Group B - General Electives.

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	
BSBAUD513	Report on quality audits
CPCCBC4003	Select, prepare and administer a construction contract
CPCCBC4012	Read and interpret plans and specifications
CPCCBC4014	Prepare simple building sketches and drawings
CPCCWP5001	Design below ground waterproofing
CPCCWP5002	Design external above ground waterproofing
CPCCWP5003	Design waterproofing to internal wet areas
CPCCWP5004*	Determine origin of water and moisture ingress into buildings
CPCCWP5005*	Prepare a scope of works for remedial waterproofing
CPCCWP5006	Survey waterproofing systems
CPPBDN5110	Inspect and assess sites to inform the design process
Elective Units	
Elective Group A – Building Codes	
CPCCBC4001	Apply building codes to Class 1 and 10 buildings
CPCCBC4053	Apply building codes and standards to the construction process for Class 2 to 9 Type C buildings
CPCCBC6001	Apply building codes and standards to the construction process for large building projects

Elective Group B – General Electives	
BSBOPS505	Manage organisational customer services
BSBPMG532	Manage project quality
BSBWRT411	Write complex documents
CPCCCBC4008	Supervise site communication and administration processes for building and construction projects
CPCCCBC4015	Prepare specifications for all construction works
CPCCCBC4024	Resolve business disputes
CPCCCBC4026	Arrange building applications and approvals
CPCCCBC4028	Prepare design brief for construction works
CPCCCBC4052	Lead and manage teams in the building and construction industry
CPCCCBC5002	Monitor costing systems on complex building and construction projects
CPCCCBC5004	Supervise and apply quality standards to the selection of building and construction materials
CPCCCBC5019	Manage building and construction business finances
CPCCCBS6101	Research and evaluate construction methods and materials for Class 1 and 10 buildings to three storeys
CPCCCBS6102	Research and evaluate construction methods and materials for Class 2 to 9 buildings to three storeys
CPCCCBS6116*	Assess and advise on performance solutions for Class 2 to 9 buildings to three storeys
CPCCCBS6118*	Assess and advise on performance solutions for Class 1 and 10 buildings to three storeys
CPCCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
CPCCCWP3005*	Assess construction waterproofing processes
CPCPCM4013	Produce 2D architectural drawings using design software
CPCSUS5001	Develop workplace policies and procedures for sustainability

CPCWHS1001	Prepare to work safely in the construction industry
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Qualification Mapping Information

No equivalent qualification.

Links

An Implementation Guide to this Training Package is available at: -

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