

Qualification Template

QUALIFICATION CODE CPC50722

QUALIFICATION TITLE Diploma of Construction Waterproofing Design and Survey

QUALIFICATION DESCRIPTION

This qualification reflects the role 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 the type of the practitioner, and can include:

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

Units selected from the Group A – Building Codes, should reflect the nature of the work to be undertaken.

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. 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 electives

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:

- At least 1 unit must be chosen from elective group A – Building Codes.
- The remaining elective units may be chosen from elective group B - General Electives.

Core units

BSBAUD513 Report on quality audits

CPPBDN5110 Inspect and assess sites to inform design process

CPCBC4003 Select, prepare and administer a construction contract

CPCBC4012 Read and interpret plans and specifications

CPCBC4014 Prepare simple building sketches and drawings

CPCWPXXXX Design external above ground waterproofing

CPCWPXXXX Design waterproofing systems to internal wet areas

CPCWPXXXX Design below ground waterproofing

CPCWPXXXX Determine origin of water and moisture ingress into buildings*

CPCWPXXXX Survey waterproofing systems

CPCWPXXXX Prepare a scope of works for remedial waterproofing

Elective Units

Elective Group A – Building Codes

CPCBC4001 Apply building codes to Class 1 and 10 buildings

CPCBC4053 Apply building codes and standards to the construction process for Class 2 to 9 Type C buildings

CPCBC6001 Apply building codes and standards to the construction process for large building projects

Elective Group B – General Electives

BSBPMG532 Manage project quality

BSBWRT411 Write complex documents

BSBOPS505 Manage organisational customer services

CPCWP3005 Assess construction waterproofing processes

CPCBC4008 Supervise site communications and administration processes for building and construction projects
 CPCBC4015 Prepare specifications for all construction works
 CPCBC4024 Resolve business disputes
 CPCBC4026 Arrange building applications and approvals
 CPCBC4028 Prepare design brief for construction works
 CPCBC4052 Lead and manage teams in the building and construction industry
 CPCPCM4013 Produce 2D architectural drawings using design software
 CPCBC5002 Monitor costing systems on complex building and construction projects
 CPCBC5004 Supervise and apply quality standards to the selection of building and construction materials
 CPCBC5019 Manage building and construction business finances
 CPCUS5001 Develop workplace policies and procedures for sustainability.
 CPCBS6118 Assess and advise on performance solutions for Class 1 and 10 buildings to three storeys
 CPCBS6116 Assess and advise on performance solutions for Class 2 to 9 buildings to three storeys
 CPCWHS1001 Prepare to work safely in the construction industry
 CPCWHS2001 Apply WHS requirements, policies and procedures in the construction industry

QUALIFICATION MAPPING INFORMATION

Code and Title	CPC08 Construction Services Training Package	Comments	Equivalency statement
CPC50722 Diploma of Construction Waterproofing Survey and Design	Diploma of Construction Waterproofing Survey and Design		N

LINKS

An Implementation Guide to this Training Package is available at:
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>