



Australian Government

Assessment Requirements for CPPBDN4012 Provide support to project building designers

Release: 1

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Modification History

Release 1. New unit.

This version first released with CPP Property Services Training Package Version 1.

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit, and must be able to provide evidence of the ability to provide support to the architect or building designer for the following three different building projects, as defined in the Building Code of Australia (BCA). At least one of the building design projects must include a Class 10 component:

- one Class 1 building
- one Class 2 building
- one building selected from Classes 3 to 9.

At least one of the above building projects must be two storeys and one building project must be three storeys or more.

For each of the building projects, the person must provide evidence of:

- using industry-approved software to vary drawings and specifications during client consultations as support to the designer
- maintaining accurate and up-to-date client communications in an agreed format
- consulting with a range of technical experts to gather data and reports for the designer to assist in building design decisions
- liaising with sales representatives and manufacturers to gather relevant product information and costings
- documenting and storing accurate notes from meetings between the architect or building designer, clients, construction contractors and other relevant personnel.

Knowledge Evidence

A person demonstrating competency in this unit must be able to demonstrate knowledge of the following, as they relate to the three classes and types of building projects specified in the performance evidence:

- building construction techniques and processes
- building materials and their application in the different building projects specified in the performance evidence
- compliance requirements and regulatory limitations relating to building design projects, including:

- Australian standards
- National Construction Code
- state building codes
- design terminology used by architects and building designers when liaising with clients and other personnel
- environmental and sustainability requirements, including:
 - energy efficiency
 - fire resistance, including resistance to bushfire attack
- structural principles relevant to the construction of buildings specified in the performance evidence
- techniques for reading plans and drawings including those from other disciplines, such as land surveys, hydraulics and fire engineering.

Assessment Conditions

Assessment must be conducted in the workplace or a close simulation of the workplace.

Suitable assessment of performance requires:

- equipment:
 - computer with internet access and building information modelling (BIM)-capable building design software and business software currently used in drafting, architectural and building design practice
- relationships with team members and supervisor:
 - tasks may be completed as an individual and as a team member, under the direction of an architect, building designer or other relevant person
- relationship with client:
 - liaison with the client is limited and only as directed by the architect or building designer
- specifications – access to:
 - applicable codes and standards
 - design drawings and specifications.

Assessor requirements

As a minimum, assessors must satisfy SNR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>