



Australian Government

Assessment Requirements for CPPBDN5102 Produce compliant designs for Class 1 and 10 buildings

Release: 1

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Modification History

Release 1 This version first released with CPP Property Services Training Package Release 11.0.

New unit.

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by producing compliant building design drawings and presenting designs to clients for:

- one two-storey Class 1 building
- one Class 1 building with an associated Class 10 building.

Class 1 and 10 buildings are as defined in the National Construction Code (NCC).

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- architectural styles and building construction terminology relevant to working with building designs
- NCC building classifications
- requirements of relevant legislation, codes and standards for Class 1 and 10 building designs
- contextual and site constraints that place limits on design options
- features and impact of building life cycles
- design development and approval processes and implications of changes to design at each stage
- energy efficient design principles and sustainability considerations
- bushfire attack level rating
- scientific and social principles of human interaction with the built environment
- construction materials and methods
- principles of design
- design brief format
- sketches, including plans, elevations and three-dimensional views
- rendering techniques
- presentation techniques.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations. Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting where these skills and knowledge would be performed. This includes access to:

- computer with internet access and building design software currently used in drafting and building design practice
- relevant legislation, regulations, codes and standards
- relevant client, site and project information.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>