Assessment Requirements for CPPBDN5103 Produce compliant designs for Class 2-9 buildings up to two storeys

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Modification History

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

Supersedes and is not equivalent to:

- CPPBDN5006A Consult with clients to produce approved small-scale building project design briefs.
- CPPBDN5008A Develop concepts for small-scale building design projects and finalise solutions with clients.
- CPPBDN5009A Produce compliant client-approved designs for small-scale building design projects.

Updated to meet the Standards for Training Packages 2012

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 two different building designs:

- designs must involve different building classifications from 2-9 as defined by the National Construction Code (NCC)
- buildings of construction Types B and C must be represented, as defined by the 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 and construction Types B and C
- requirements of legislation, codes and standards for Class 2-9 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

Artibus Innovation

- principles of design
- 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