# Assessment Requirements for CPPBDN8104 Manage the design of large and complex building design projects

**Release: 1**

# Assessment Requirements for CPPBDN8104 Manage the design of large and complex building design projects

## Modification History

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

Supersedes and is equivalent to CPPBDN8007A Manage the design of Type A constructions.    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 managing the design of one Type A building design project, as defined by the National Construction Code (NCC), including:

- planning and organising the production of design drawings that integrate expert and specialist input and meet planning approval requirements
- producing sets of building design drawings and supporting information that meet quality requirements and are completed within project timelines.

## Knowledge Evidence

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

- relevant local, state and national legislative, industry and workplace requirements, codes and standards:
    - work health and safety (WHS)
    - legislation relating to building projects, including construction materials and methods
    - insurance and indemnity requirements
    - planning requirements, schemes and processes
    - compliance relating to building design projects of Type A construction:
        - Australian Standards
        - NCC deemed-to-satisfy (DTS) and alternative solution requirements
- environmental and sustainability principles, requirements and systems
- duty of care responsibilities of building designers to ensure quality and safety of designs
- sources of reliable information on compliance requirements
- basic principles of structural engineering
- building life cycles
- contextual and site constraints
- design development and approval processes and implications of changes to design at each stage

- design drawing and representation methods
- scientific and social principles of human interactions with the built environment
- use of design software and systems that may include application of 3-D modelling.

## 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 word processing software
- relevant legislation, regulations, codes and standards
- technical references with current and relevant information on design of buildings of Type A construction.

## 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