



Australian Government

Assessment Requirements for CPPBDN4102 Analyse building design drawings

Release: 1

Assessment Requirements for CPPBDN4102 Analyse building design drawings

Modification History

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

Supersedes and is equivalent to CPPBDN4009 Analyse building design drawings and review findings. Title changed to clarify unit outcome.

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by analysing complete sets of working drawings to identify design and technical features for the following buildings classified according to the National Construction Code (NCC):

- a single-storey Class 1 building with one Class 10 building
- a two-storey Class 1 building.

Knowledge Evidence

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

- NCC building classifications
- construction techniques, processes and materials and their application in drawings for Class 1 and 10 buildings
- construction terminology used in building design drawings
- conventions and formats used for building design drawings:
 - dimensioning
 - orientation
 - representations of doors, windows, fittings, fixtures and materials
- conventions and formats used for general technical drawings:
 - abbreviations
 - dimensioning lines
 - gradients
 - levels
 - scales
 - symbols
- key requirements of drawing standards:
 - AS 1100.101 Technical drawing - General principles
 - AS 1100.301 Technical drawing - Architectural drawing

- drawings relevant to building design projects:
 - plan views
 - elevation views
 - section views
 - 3-D views
 - detail views
 - specifications
- key features of site plans:
 - site boundaries and dimensions
 - locations and orientations of buildings
 - locations of services, retaining walls, fences, driveways and walkways
 - setback requirements
 - easements
 - topographical data.

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 and relevant software
- relevant regulations, codes and standards
- working drawings for building projects.

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>