



**Australian Government**

# **Assessment Requirements for CPPBDN4006 Import and transpose information from external sources into digital building design drawings**

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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. The person must also be able to provide evidence of the ability to import and transpose information from at least five different types of externally-sourced drawings into digital building design drawing files for the following three different types of building design projects, as defined by 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.

Within the context described above, a person must provide evidence of:

- identifying consultants' design discrepancies
- checking drawings and notations for accuracy and compliance before importing and transposing files
- consulting with architect or building designer to discuss inaccuracies or non-compliance and to obtain designer's observations
- requesting and obtaining amended drawings
- checking drawings for compatibility with design software
- applying building design software functions and options to import drawings into digital building design drawing files
- checking integrity of drawings once import is completed
- transposing information and notations from drawings into digital building design drawing files and confirming accuracy and completeness
- adding details of externally-sourced documents to supporting documentation list for the project
- applying naming conventions and version control protocols to renaming, storing and saving files according to workplace procedures.

## Knowledge Evidence

A person demonstrating competency in this unit must be able to demonstrate the knowledge required to import and transpose information from external sources into digital building design drawings for the three different types of building design projects specified in the performance evidence, including:

- compliance requirements relating to the three different types of building design projects
- construction terminology required to discuss content of externally-sourced drawings and reports with work colleagues, designers and external consultants
- functions and options of building design software relating to importing external digital drawings into project files
- protocols for communication and liaison with construction professionals who provide drawings and information for building designs
- roles and responsibilities of internal and external contributors to building design projects
- systems for naming, saving and storing digital files and ensuring version control
- types of drawings from external sources required for building designs, including the extent and level of detailed information required.

## 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, building information modelling (BIM)-capable building design software and storage capacity for a range of typical building design project information
  - electronic file storage devices
- materials:
  - electronic and hard copy project files for the three projects specified in the performance evidence
- 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
- specifications:
  - a range of project documentation, both hard copy and electronic, from construction professionals and consultants involved in the building design process for the three different building design projects specified in the performance evidence
  - National Construction Code and Australian standards relevant to building design projects.

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>