Assessment Requirements for CPPBDN4110 Set up BIM capable software and files for building design drafting projects

Release: 1

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Modification History

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

Unit supersedes and is equivalent to CPPBDN4004 Set up BIM-capable software and files for building design drafting 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 applying software functions and options to create project templates for the range of drawings required for three different types of building design projects one of which includes an associated Class 10 building as defined in the National Construction Code (NCC):

- one Class 1 building
- one Class 2 building
- one building selected from Classes 3 to 9.

Projects must include installing and configuring building information modelling (BIM)-capable building design drawing software including using in-built proformas and creating original templates.

Knowledge Evidence

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

- construction and technical terminology
- functions and options of building design drawing software
- strategies for developing knowledge of building design drawing software
- systems for naming, saving and backing up digital drawing files
- types of digital drawing templates and files
- software functions and operations for setting project parameters and templates
- project settings, including predefined elements
- view templates
- groups or families
- title blocks
- project views:
  - plan views
  - levels

- schedules
- legends
- sheets
- visibility and graphic settings
- print settings
- project and shared parameters.

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 BIM-capable building design drawing software
- architect's or building designer's notes, sketches and instructions for digital building design project template and file requirements
- building design drawing software specifications and manuals.

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