



Australian Government

Assessment Requirements for CPPBDN8106 Implement new building design technologies

Release: 1

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Modification History

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

Supersedes and is equivalent to CPPBDN8006A Identify and manage new building design technologies. 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 presenting the features and uses of building information modelling (BIM) and documenting the implementation of BIM into one building design workplace.

Knowledge Evidence

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

- relevant local, state/territory and national legislative, industry and workplace requirements for applying new building design technologies:
 - contractual requirements and business implications
 - design of work processes to support the effective operation of new technologies
 - financial management and budgeting processes
 - risk management processes
- workplace resource requirements to introduce new technologies:
 - new or updated equipment
 - human resources
 - training and development
- digital file management procedures
- functions and operation of technologies that support 3-D modelling and visualisation in building design
- purpose, functions and operation of BIM
- BIM implementation:
 - process map
 - task list
 - schedule.

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
- technical references with current and relevant information on available building design technologies.

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>