



Australian Government

Assessment Requirements for CPPBDN6106 Produce building information modelling for building design projects

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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 CPPBDN5013A Develop and collaborate on building information models for small-scale building design 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 producing interactive building information modelling (BIM) in consultation with project team, for one residential building design project and one commercial or industrial building design project.

Knowledge Evidence

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

- relevant legislation, regulations, codes and standards
- workplace and project requirements and limits
- software manufacturer specifications for BIM-capable building design software
- strengths and challenges of BIM-capable building design software
- benefits and challenges of a BIM approach to design production and documentation
- client requirements
- principles and strategies of:
 - project management
 - integrated project delivery
 - basic principles of structural engineering
- duty of care of building designers to ensure quality of designs
- contextual and site constraints
- design drawing and representation methods.

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:

- relevant legislation, regulations, codes and standards
- technical references and software manuals
- computer with internet access and BIM-capable building design software.

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>