



Australian Government

Assessment Requirements for CPCCBBC4014 Prepare simple building sketches and drawings

Release: 2

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Modification History

- Release 2 Updated reference to general construction induction training program.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and is equivalent to CPCBC4014A Prepare simple building sketches and drawings. Updated to meet the Standards for Training Packages 2012.

Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by drawing two components of the fabric of the building from a set of construction plans and prepare drawings for presentation.

In doing this, the candidate must:

- select one structural and one non-structural component and collate vital information required for the drawing
- prepare simple sketches of the structural and non-structural components
- produce clear and descriptive drawings with appropriate notations and labelling.

Knowledge Evidence

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

- types of building and construction plans:
 - presentation drawings
 - isometric drawings
 - orthographic drawings
 - perspective drawings
- drawing conventions:
 - sheet layout
 - title block
 - line types
 - symbols
 - dimensions and dimension lines
 - abbreviations

- key features of a construction plan
- computer-aided design (CAD) drawings
- technical drawing by hand
- building and construction regulations, standards and codes
- the NCC
- building information modelling (BIM)
- building and construction methods and terminology
- workplace processes, workplace safety and environmental requirements.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

Assessment can be undertaken in the workplace or in a simulated workplace environment.

A simulated environment is one that realistically replicates workplace conditions, materials and equipment, interactions with others and workplace irregularities, and which meets industry standards for safety and environmental practices.

Candidates must have access to:

- construction plans and specifications
- current building and construction codes and standards
- the NCC
- hand drawing equipment
- workplace procedures and other quality documentation required to undertake the performance criteria and assessment requirements
- computers, applications and software to access drawings and other relevant information.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>