



Australian Government

CPCCB4014 Prepare simple building sketches and drawings

Release: 2

CPCCB4014 Prepare simple building sketches and drawings

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 CPCCB4014A Prepare simple building sketches and drawings. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to prepare sketches and drawings used for communicating ideas to clients and other parties. It includes capturing design concepts and options taken from architectural drawings to create simpler versions.

The unit of competency applies to builders, experienced tradespersons, project managers and estimators who prepare sketches and drawings for estimating, explaining details and showing measurements required for building and construction work.

It does not describe more complex drafting skills.

This unit of competency is suitable for those using specialised knowledge to complete routine and non-routine tasks and using their own judgement to deal with predictable and sometimes unpredictable problems.

Completion of the general construction induction training program specified by the model Code of Practice for Construction Work is required for any person who is to carry out construction work. Achievement of CPCWHS1001 Prepare to work safely in the construction industry meets this requirement.

Licensing, regulatory or registration requirements apply to this unit of competency in some jurisdictions. Relevant state and territory regulatory authorities should be consulted to confirm these requirements.

Pre-requisite Unit

Nil.

Unit Sector

Building and Construction

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

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| 1 Prepare to make sketches and drawings. | 1.1 Identify and select relevant information from construction plans required for sketching or drawing. |
| | 1.2 Confirm construction plan information complies with building and construction regulations, standards and codes. |
| | 1.3 Consider purpose and presentation of drawings and sketches and the intended audience. |
| | 1.4 Determine format of information and select and inspect equipment for serviceability. |
| 2 Create simple sketches and drawings. | 2.1 Establish and record measurements, information and details required for drawing and sketches. |
| | 2.2 Transfer vital information into two-dimensional and three-dimensional drawing and sketches. |
| | 2.3 Create sketches and drawings using standard drawing conventions to detail vital information. |
| | 2.4 Produce sectional drawings to clearly identify and label elements and components. |
| 3 Notate and process drawings. | 3.1 Apply essential information to the drawing using dimension lines, symbols and abbreviations following standard drawing conventions. |
| | 3.2 Include drawing and job title, date, scale and sheet number in the title block. |
| | 3.3 Produce completed drawings in an appropriate form for presentation. |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to CPCCB4014A Prepare simple building sketches and drawings.

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>