

Unit of Competency CPCCCA3025

Read and interpret plans, specifications and drawings for carpentry work

Application

This unit of competency specifies the skills and knowledge required to read and interpret plans and specifications for carpentry work in order to plan and sequence the work, meeting all relevant requirements of the National Construction Code (NCC), Australian Standards, work health and safety (WHS), and Commonwealth and state or territory legislation.

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 CPCCWHS1001 *Prepare to work safely in the construction industry* meets this requirement.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Prerequisite Unit

CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry.

Elements and Performance Criteria

1. Plan and prepare.	1.1	Locate and access plans, specifications and drawings.
	1.2	Verify currency of plans, specifications and drawings.
2. Interpret construction plans, drawings and their features.	2.1	Determine key features of plans, specifications and drawings.
	2.2	Interpret legend symbols and abbreviations.
	2.3	Check plans, specifications and drawings dimensions against workplace site for accuracy.
	2.4	Check plans and drawing dimensions against specifications for accuracy and inconsistencies.
3. Locate key features on site plan.	3.1	Orient the plans, specifications and drawings with the site.
	3.2	Locate site services, main features, contours and datum from the site plan.
4. Determine project requirements and plan project.	4.1	Review drawings, plans and specifications to determine construction details and dimensions for project.
	4.2	Determine location, dimensions and tolerances for ancillary works.
	4.3	Identify environmental controls and locations.
	4.4	Determine specifications for materials, standards of work, finishes and tolerances.
	4.5	Determine material requirements and processes to be followed.

Foundation skills

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

Unit Mapping Information

No equivalent unit.

Links

Companion Volume Implementation Guide:

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>

Assessment Requirements for CPCCCA3025 Read and interpret plans, specifications and drawings for carpentry work

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by reading and interpreting plans, specifications and drawings for two, minimum 30m², carpentry projects. Each project must have a minimum of seven materials. A candidate must prepare a work plan for each project that should identify the dimensions, material requirements and processes to be followed.

Knowledge Evidence

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

- features and uses of project documentation, including:
 - construction plans
 - cross-sectional plans
 - dimensions and notes
 - illustrations
 - project specifications
 - site plans, elevations, floor plans and sections
 - structural detail and specification providing illustrations and dimensions
 - drawings
 - specifications
 - supplementary specifications
 - work schedules
 - detail relating to materials and quality of work, quality assurance, nominated subcontractors, and provision of site access and facilities
 - details relating to performance, including:
 - characteristics
 - material types
 - standards of work
 - tolerances
 - treatments and finishes
- processes for planning and scheduling carpentry work from plans and specifications.

Assessment Conditions

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

This unit must be assessed in the workplace or a close simulation using realistic workplace conditions and standards, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Links

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