



Australian Government

CPCCCM2001 Read and interpret plans and specifications

Release: 1

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Modification History

Release 1.

Supersedes and equivalent to CPCCCM2001A Read and interpret plans and specifications.

The unit of competency was updated to the Standards for Training Packages 2012.

This version first released with CPC Construction, Plumbing and Services Training Package Version 4.0.

Application

This unit specifies the skills and knowledge required to read and interpret plans and specifications relevant to construction operations at a basic level.

It includes:

- identifying types of plans and drawings and their functions
- recognising commonly used symbols and abbreviations
- identifying key features and specifications on a site plan
- comprehending job specifications.

It applies to workers in the construction industry. It involves working under supervision in a team environment.

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

Pre-requisite Unit

Nil

Unit Sector

Construction

Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe what needs to be done to demonstrate achievement of the element.
1. Identify features and functions of plans and drawings.	1.1 Identify the key features and functions of each of the main types of plans and drawings used in the construction industry. 1.2 Locate and explain the purpose of the legend on plans and drawings used in the construction industry. 1.3 Explain the meaning of construction symbols and

	abbreviations used on plans and drawings in the construction industry.
2. Check the amendment status of plans and specifications.	2.1 Check amendments to plans and specifications to ensure currency of information, and report to others as required. 2.2 Check title panels on plans and specifications to verify latest amendments are included, and report to others as required.
3. Locate key features on a site plan.	3.1 Orientate the site plan with the site. 3.2 Locate key features of the site from the site plan.
4. Identify project requirements from plans and specifications.	4.1 Identify project dimensions and nominated locations from project plans and specifications. 4.2 Identify construction types and dimensions for nominated locations from project plans and specifications. 4.3 Identify environmental requirements, controls and locations from environmental plan, project plans and specifications. 4.4 Identify standards of work, finishes and tolerances from project plans and specifications. 4.5 Identify material attributes from project plans and specifications.

Foundation Skills

This section describes the language, literacy, numeracy and employment skills essential to performance in this unit but not explicit in the performance criteria.

- writing skills to record basic information from plans and specifications
- numeracy skills to use mathematical techniques, for example when reading and interpreting plans and specifications
- communication and teamwork skills to:
 - ask questions and listen to answers to gain information or confirm understanding, for example when reporting on amendments to plans and specifications
- learning skills to:
 - gather and analyse basic information when reading and interpreting plans and specifications
 - address routine problems in familiar work contexts
 - recognise opportunities to enhance work practices and outcome.

Unit Mapping Information

Supersedes and is equivalent to CPCCCM2001A Read and interpret plans and specifications.

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>

Assessment Requirements for CPCCCM2001 Read and interpret plans and specifications

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Performance Evidence

A person who demonstrates competency in this unit must read and interpret plans and specifications for one building or construction project.

In doing this, the person must meet the requirements of the performance criteria.

Knowledge Evidence

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

- features and functions of different types of drawings, including:
 - construction plans
 - cross-sectional plans
 - dimensions and notes
 - illustrations
 - longitudinal plans
 - project specifications
 - site plans
 - structural detail and specification providing illustrations and dimensions
 - legends, symbols and abbreviations used on construction plans and drawings
- processes for:
 - checking amendments to plans and specifications
 - orientating site plans to sites
 - locating site locations from site plans
- key features of site plans, including:
 - characteristics
 - compatibility
 - construction
 - location
 - pattern dimension

- quantities
- sizes
- environmental requirements, including:
 - clean-up management
 - waste management
- key features of specifications, including:
 - detail relating to materials and quality of work, quality assurance, nominated subcontractors, and provision of site access/facilities
- details relating to performance, including:
 - characteristics
 - material types
 - standards of work
 - tolerances
 - treatments and finishes.

Assessment Conditions

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

Assessment of performance must be undertaken in the workplace or in a simulated workplace environment. Tasks are to be performed to the level of proficiency and within the time limits expected in a workplace.

Assessors are responsible for ensuring that the person demonstrating competency has access to:

- plans and specifications for a construction project and access to a construction site
- reference material and equipment to read and interpret plans and specifications for building and construction projects.

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