Unit of Competency CPCCOM2001 Read and interpret plans and specifications

Application

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

The unit is suitable for those with basic skills and knowledge undertaking routine work tasks under the direction of more experienced workers.

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 unit 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. Explain features and functions of plans /drawings and specifications.	1.1	Explain the key features and functions of each of the main types of plans/drawings used in the construction industry.
	1.2	Locate and explain the purpose of the legend on plans/drawings used in the construction industry.
	1.3	Explain the meaning of construction symbols and abbreviations used on plans/drawings in the construction industry.
	1.4	Check title panels on plans/drawings and specifications to verify latest amendments are included, and report inconsistencies.
2. Locate key features on a site from site plan/drawings.	2.1	Select and use personal protective equipment (PPE) required to enter a proposed construction site.
	2.2	Orientate the site plan with the site.
	2.3	Locate existing services, key features and boundaries of the site from the site plan and associated drawings.
3. Identify project requirements from plans/drawings and specifications.	3.1	Identify construction types, project dimensions and nominated locations from project plans/drawings and specifications.
	3.2	Identify environmental requirements, controls and locations from environmental plans, project plans/drawings and specifications.
	3.3	Identify standards of work, finishes and tolerances from project plans/drawings and specifications.
	3.4	Identify required materials from project plans/drawings and specifications.

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 CPCCCM2001 Read and interpret plans and specifications.

Links

Companion Volume Implementation Guide:
https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad

Assessment Requirements for CPCCOM2001 Read and interpret plans and specifications

Performance Evidence

To demonstrate competency, a candidate must satisfy all the elements, performance criteria and foundation skills of this unit by reading, interpreting and describing, at a basic level, the requirements for a proposed construction project from a set of plans/drawings and specifications.

All work must be performed to the standard required in the workplace and must comply with work health and safety (WHS) requirements.

Knowledge Evidence

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

- features and functions of different types of plans, drawings and specifications at a basic level, including:
  - construction plans
  - cross-sectional plans
  - dimensions and notes
  - illustrations
  - project specifications including structural detail and specification providing illustrations and dimensions
  - site plans
  - engineering plans
  - legends, symbols and abbreviations used on construction plans and drawings
  - title panels
- processes for:
  - checking amendments to plans, drawings and specifications at a basic level
  - orientating site plans to sites
  - determining information from site plans, drawings and specifications, including:
    - site locations
    - key features
    - construction types
    - project dimensions,
    - environmental requirements
    - materials types.

Assessment Conditions

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

This unit must be assessed while undertaking workplace tasks:

- in the workplace or a close simulation of the workplace environment, provided that simulated or project-based assessment techniques replicate construction workplace conditions, materials, activities, responsibilities and procedures
- using realistic tasks or simulated tasks, relevant specifications and work instructions, standard work practices, safety requirements and environmental constraints.

Links

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