

CPCCE3027 Read and interpret demolition site plans and drawings

Application

This unit specifies the skills and knowledge required to read and interpret demolition site plans and drawings relevant to demolition operations.

It includes identifying and interpreting types of demolition site plans and their functions, recognising commonly used symbols and abbreviations, identifying key features and specifications on a demolition site plan and drawings and comprehending job specifications.

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

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.

Licensing, legislative, regulatory or certification requirements apply to demolition work in different states and territories. Candidates are advised to consult with the relevant regulatory authorities.

Prerequisite Unit

Nil

Elements and Performance Criteria

Elements	Performance criteria
1. Identify and confirm demolition site work plan and currency.	<p>1.1 Identify the key features and functions of each of the main types of site plans used in the demolition industry and their purpose.</p> <p>1.2 Locate and explain the purpose of the legend on site work plans and drawings used in the demolition industry.</p> <p>1.3 Explain and confirm the meaning of symbols and abbreviations used on demolition work plans and drawings with relevant persons.</p> <p>1.4 Check amendments to demolition work plans to ensure currency of information, and report to relevant persons as required.</p>
2. Locate key features on a	<p>2.1 Orientate the demolition site plan with the site.</p> <p>2.2 Locate key features of the demolition site from the site plan.</p>

Elements	Performance criteria
demolition site plan.	
3. Identify demolition project requirements from site plan.	3.1 Identify demolition project dimensions and nominated locations from drawings. 3.2 Identify demolition options from site plans and drawings. 3.3 Identify environmental requirements, controls and locations from environmental plan and demolition site plan. 3.4 Identify standards of work and tolerances from demolition site plan and specifications.

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 volumes to this training package are available at the VETNet website.

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

Assessment Requirements for CPCCE3027

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Performance Evidence

A candidate who demonstrates competency in this unit must read and interpret two different residential demolition site plans and two different commercial demolition site plans.

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

Knowledge Evidence

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

- compliance requirements of the relevant Australian Standards, Building Code of Australia (BCA), model codes of practice, environmental and work health and safety (WHS) legislation
- features and functions of different types of demolition site plans:
 - drawings
 - cross-sectional plans
 - demolition work method statement
 - demolition management plan
 - traffic management plan
 - dilapidation report
 - hazardous materials audit
 - engineering reports and assessments
 - demolition site instructions
 - demolition project specifications
 - structural detail and specification providing illustrations and dimensions
 - legends, symbols and abbreviations used on demolition work plans
- processes for:
 - checking amendments to plans
 - orientating demolition site plans against sites
 - locating site demolition locations from site plans
- key features of demolition site plans:
 - characteristics
 - compatibility
 - construction
 - location
 - pattern dimension
 - quantities
 - sizes
- environmental requirements:
 - clean-up management
 - waste management
 - hazardous materials

- key features of specifications:
 - detail relating to materials and quality of work, quality assurance, nominated subcontractors, and provision of demolition site access/facilities
- details relating to performance:
 - 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.

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

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

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