

CPCCDE4001 Plan and prepare for activities on demolition sites

Application

This unit of competency specifies the skills and knowledge required to assess the size and scope of large demolition projects, including structures or installations above 15 metres, on different types of sites and identify the resources required to complete the project on time and within budget. It includes communication of project requirements to team members in preparation for demolition work to commence.

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. Assess demolition site and scope of work.	<ul style="list-style-type: none">1.1 Interpret demolition plan and inspect site to evaluate size and complexity of demolition tasks.1.2 Assess concurrent work of other construction teams and establish or confirm communication channels.1.3 Assess site access and egress and traffic management plan and negotiate additional provisions or changes as required.1.4 Assess provisions for site storage and amenities and arrange additional provisions or changes as required.1.5 Confirm and apply general site work health and safety (WHS) and environmental requirements to planning.1.6 Confirm and apply regulatory compliance requirements to planning.1.7 Arrange HAZMAT audits prior to demolition work start date and apply findings to planning.

Elements	Performance criteria
2. Schedule demolition activities.	<p>2.1 Analyse demolition plan and prioritise individual demolition tasks according to WHS, site and resource requirements.</p> <p>2.2 Plan and sequence concurrent tasks to maximise efficient use of resources.</p> <p>2.3 Estimate resource hours required for individual demolition tasks with allowances for contingencies.</p> <p>2.4 Calculate timelines for different project stages, compare these to demolition plan, and adjust as required.</p> <p>2.5 Prepare project schedule, organise review by required personnel, make amendments as required and process schedule according to workplace requirements.</p>
3. Prepare safe work method statements (SWMS) for individual demolition activities.	<p>3.1 Inspect site and identify hazards and risks associated with demolition tasks, discuss findings with WHS and site personnel, and evaluate impact on sequencing of tasks.</p> <p>3.2 Analyse risk management strategies according to the hierarchy of control in consultation with WHS and site personnel.</p> <p>3.3 Prepare SWMS for demolition tasks.</p> <p>3.4 Review SWMS immediately before work starts to re-assess worksite conditions.</p>
4. Arrange resources for demolition activities.	<p>4.1 Confirm resource requirements for demolition tasks and calculate requirements for concurrent tasks according to project schedule.</p> <p>4.2 Arrange delivery of required plant, tools and equipment according to project schedule.</p> <p>4.3 Determine specialised skill requirements for different project stages and assess skills of available team members to identify skill shortages.</p> <p>4.4 Conduct and complete recruitment of additional team members within required timeframe.</p> <p>4.5 Allocate team members to tasks and check and confirm human resource requirements for all project stages as complete.</p>
5. Conduct site induction and team briefing for demolition project.	<p>5.1 Arrange and conduct site tour and site induction.</p>

Elements	Performance criteria
	<p>5.2 Explain and discuss details of task allocations and scheduling, and confirm team understanding of work requirements.</p> <p>5.3 Explain concurrent work of other construction teams, and interactions and communication channels, and confirm understanding of team members.</p> <p>5.4 Explain provisions for dealing with risks, hazards and contingencies, and confirm understanding of team members.</p> <p>5.5 Encourage team members to ask questions for clarification at all stages of the work and to provide suggestions for improvements in processes.</p>

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 CPCCDE4001A Plan and prepare for activities on demolition sites.

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 CPCCE4001 Plan and prepare for activities on demolition sites

Performance Evidence

To demonstrate competency in this unit, a candidate must plan and prepare for activities on two different large demolition projects, one of which must involve a structure above 15 metres in height.

In doing this, the candidate must:

- assess demolition site and scope of work
- schedule demolition activities
- prepare safe work method statements (SWMS) for demolition activities
- arrange resources for demolition activities
- conduct site induction and team briefing for demolition project.

In doing this, the candidate must meet the performance criteria for this unit.

Knowledge Evidence

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

- the compliance requirements of the relevant Australian Standards, Building Code of Australia (BCA), model codes of practice, environmental and work health and safety (WHS) legislation
- contract management strategies
- customer service strategies
- demolition procedures, techniques and safety requirements
- demolition site inspection procedures
- hazards and risks existing or arising on demolition sites and relevant risk management strategies
- legislation, regulations, codes and standards relating to different stages of the demolition process
- plant, tools and equipment required for demolition tasks:
 - permits and licences required
 - safe operating procedures
- project management strategies
- quality management strategies
- team leadership strategies.

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:

- worksite/s and specifications for planning and preparing for activities on demolition sites
- appropriate documents, materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- requirements of workplace policies, procedures and demolition plans.

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