

CPCCE3018 Select and use small plant and equipment for demolition tasks

Application

This unit of competency specifies the skills and knowledge required to select and use small plant and equipment safely and effectively to complete individual demolition tasks, such as breaking concrete, stripping out interior of buildings, pulling down walls and separating waste for recycling.

The unit applies to workers performing on-site specialist demolition work using powered small plant and equipment on public, residential, commercial and industrial buildings.

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 CPCWHS1001 *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

CPCWHS2001 Apply WHS requirements, policies and procedures in the construction industry

Elements and Performance Criteria

Elements	Performance criteria
1. Plan and prepare for work.	<p>1.1 Obtain, confirm and apply work instructions to planning and preparation, using required information, and in consultation with colleagues or supervisors.</p> <p>1.2 Complete tasks according to regulatory, legislative and workplace policies and requirements.</p> <p>1.3 Identify and apply work health and safety (WHS) requirements to task planning according to safety plans.</p> <p>1.4 Identify and apply environmental requirements according to environmental plans.</p> <p>1.5 Identify, select and fit personal protective equipment (PPE).</p>
2. Identify and check small plant and equipment.	<p>2.1 Identify and check small plant and equipment to be used in the demolition process for serviceability and rectify and report faults.</p>

Elements	Performance criteria
	<p>2.2 Identify functions and methods of operation of demolition small plant and equipment from specifications, standards and manufacturer instructions.</p> <p>2.3 Identify and apply specific WHS requirements for the selected small plant and equipment.</p>
<p>3. Complete demolition tasks.</p>	<p>3.1 Obtain confirmation from supervisor and regulatory authorities that existing services have been disconnected.</p> <p>3.2 Conduct worksite inspection and assess hazards associated with individual demolition tasks immediately prior to commencing work according to workplace procedures.</p> <p>3.3 Amend safe demolition work method if required and confirm with colleagues or supervisor.</p> <p>3.4 Prepare work area for the use of demolition small plant and equipment.</p> <p>3.5 Select small plant and equipment that meet the requirements of the demolition task.</p> <p>3.6 Complete pre-operational checks according to manufacturer recommendations.</p> <p>3.7 Use small plant and equipment for their intended purpose in demolition tasks.</p> <p>3.8 Communicate work progress and hazards or issues arising during work tasks with work team.</p> <p>3.9 Place small plant and equipment in safe locations when not in immediate use.</p>
<p>4. Clean up work area.</p>	<p>4.1 Clear work area and sort materials for reuse, recycling or removal and dispose of waste using safe manual-handling or plant techniques.</p> <p>4.2 Clean, check, maintain and store small plant and equipment according to manufacturer recommendations.</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 CPCCE3018A Select and use small plant and equipment for demolition tasks.

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 CPCCE3018

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Performance Evidence

To demonstrate competency in this unit, a candidate must select and use small plant and equipment to complete three of the following on-site demolition tasks:

- break a minimum of two square metres of concrete
- dismantle 20 square metres of purlins and wall or roof sheeting
- demolish 10 lineal metres of three-metre high masonry wall
- identify services infrastructure in a minimum 20 square-metre section of a building, and remove the infrastructure (ducting, cabling, pipework) for one service
- remove wall cladding and floor coverings from a minimum 10 square-metre section of a building
- remove a ceiling from a 20 square-metre section of a building.

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
- general construction terminology
- hazards that may exist or arise on demolition sites, including those associated with the use of demolition small plant and equipment
- procedures for:
 - environmentally friendly waste management
 - managing risks and hazards on demolition sites
 - sorting and storing reusable and recyclable materials
- types of information required to plan and prepare for safe and effective completion of demolition tasks
- types of small plant and equipment applicable to demolition tasks:
 - applications of each type of small plant or piece of equipment
 - maintenance requirements
 - safe methods of operation for different demolition tasks.

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 selecting and using small plant and equipment for demolition tasks
- 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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