

CPCCDE3017 Select and use hand tools and equipment for demolition tasks

Application

This unit of competency specifies the skills and knowledge required to select and use hand tools and equipment safely and effectively to complete different demolition tasks.

It includes removing fixtures and fittings, ceilings, walls, floors and floor support systems; pulling apart equipment; knocking down structures; and loading out rubbish; using hand tools and equipment for on-site demolition tasks on public, residential, commercial and industrial structures of all types, including chemical processing plants.

These tasks may be completed at ground level, at heights, over water, under water or underground and in confined spaces, on new construction sites or on existing structures being removed, renovated or extended.

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

CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry

Elements and Performance Criteria

| Elements | Performance criteria |
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| 1. Plan and prepare for work. | <p>1.1 Review work instructions to select hand tools and equipment in accordance with work health and safety (WHS) and environmental requirements.</p> <p>1.2 Identify, select and fit personal protective equipment (PPE).</p> <p>1.3 Prepare work area for the use of demolition hand tools and equipment.</p> |
| 2. Identify and check tools and equipment. | <p>2.1 Identify and check hand tools 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 tools and equipment from specifications, standards and manufacturer instructions.</p> <p>2.3 Complete pre-operational checks according to manufacturer recommendations.</p> |
| 3. Complete demolition tasks. | <p>3.1 Conduct worksite inspection and assess hazards associated with individual demolition tasks immediately prior to commencing work.</p> <p>3.2 Use tools and equipment for their intended purpose in demolition tasks.</p> <p>3.3 Communicate work progress and any hazards or issues arising during work tasks with work team.</p> <p>3.4 Place tools and equipment in safe locations when not in immediate use.</p> |
| 4. Clean up work area. | <p>4.1 Clear work area and sort materials for reuse or recycling and remove and dispose of waste using safe manual-handling techniques.</p> <p>4.2 Clean, check, maintain and store hand tools and equipment according to manufacturer recommendations.</p> |

Foundation Skills

The foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to CPCCE3017A Select and use hand tools 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 CPCCE3017

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Performance Evidence

To demonstrate competency in this unit, a candidate must select and use hand tools and equipment for an on-site demolition task and remove each of the following at least once:

- fixtures and fittings
- a ceiling of at least 10 square metres
- an internal load bearing wall of at least 10 square metres
- flooring and flooring support system covering at least 3 square metres
- knock down a small structure of at least 10 square metres
- load out a minimum of one cubic metre of rubbish.

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 tools 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 industry-recognised portable power tools, hand tools and equipment applicable to demolition tasks:
 - applications of each tool or piece of equipment
 - maintenance requirements
 - safe methods of operation for different demolition tasks
- technology types and operation used in demolition.

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:

- worksites and specifications for using demolition hand tools and equipment
- 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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