Unit of Competency CPCCCM2005 Use construction tools and equipment

Application

This unit of competency specifies the skills and knowledge required to safely select and use basic construction tools and equipment.

It includes hand tools, power tools and pneumatic tools.

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. Select and use tools and equipment.	1.1	Review work instructions for a construction task.
	1.2	Select equipment and hand, power and pneumatic tools for the construction task, identify functions and operations, check for serviceability and report any faults.
	1.3	Select and use personal protective equipment (PPE) for each part of the task.
	1.4	Conduct pre-operational checks to manufacturers' specifications.
	1.5	Use equipment and hand, power and pneumatic tools following WHS requirements and manufacturers' specifications.
2. Clean up.	2.1	Clean up, meeting all legislative and workplace requirements for safety, waste disposal and materials handling.
	2.2	Check, maintain and/or sharpen, store and secure tools and equipment and report any faults.

Foundation skills

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

Unit Mapping Information

Supersedes and equivalent to CPCCCM2005B Use construction tools and equipment.

Links

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

Assessment Requirements for CPCCCM2005 Use construction tools and equipment

Performance Evidence

To demonstrate competency in this unit, a candidate must complete three different construction tasks. Over the course of these three tasks, they must satisfy all the elements, performance criteria and foundation skills of this unit by safely and effectively using and maintaining and/or sharpening each of the following at least once:

- hand tools:
  - retractable tape measure
  - builders square
  - string line
  - hand saw
  - hammer
  - chisel
  - trimming knife
  - clamps
  - spirit level
  - tin snips
  - shovel/spade
  - mattock
  - crow bar/fencing bar
- power/battery/pneumatic tools and equipment:
  - circular saw
  - reciprocating saw
  - angle grinder
  - drill/driver drill
  - nail gun
  - bench grinder
  - jack hammer
  - extension lead
  - portable residual current device
  - air compressor and hoses.

Use of all tools must be to the standard required in the workplace and use must comply with work health and safety (WHS) requirements and manufacturers' specifications.

Knowledge Evidence

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

- workplace quality policies and standards for using basic construction tools and equipment
- safety requirements for using basic construction tools and equipment
- manufacturers' specifications for basic construction tools and equipment
- types and uses of basic tools and equipment, including:

- hand tools:
  - retractable tape measure
  - builders square
  - string line
  - hand saw
  - hammer
  - chisel
  - trimming knife
  - clamps
  - spirit level
  - tin snips
  - shovel/spade
  - mattock
  - crow bar/fencing bar
- power/battery/pneumatic tools and equipment:
  - circular saw
  - reciprocating saw
  - angle grinder
  - drill/driver drill
  - nail gun
  - bench grinder
  - jack hammer
  - extension lead
  - portable residual current device
  - air compressor and hoses.

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
- industry-standard equipment used to perform the tasks specified in performance evidence
- using realistic tasks or simulated tasks, relevant specifications and work instructions, standard work practices, safety requirements and environmental constraints.

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