UNIT CODE	CPCCBL2002
UNIT TITLE	Use bricklaying and blocklaying tools and equipment
APPLICATION	This unit specifies the skills and knowledge required to safely and effectively use bricklaying and blocklaying tools and equipment. It includes understanding the functional features and applying the operational requirements of tools and equipment. The unit is suitable for people with basic skills and knowledge who undertake routine bricklaying and blocklaying tasks under the direction of more experienced workers on new or existing structures. 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 *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	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	Performance criteria describe what needs to be done to demonstrate achievement of the element.
1. Plan the work.	1.1 Select, fit correctly and use personal protective equipment (PPE) appropriate for job. 1.2 Read and interpret work plans and specifications. 1.3 Follow requirements in workplace safety and environmental documentation and workplace procedures. 1.4 Identify potential hazards and determine and implement control measures. 1.5 Clarify job priorities and sequence tasks with others on site.
2. Prepare for work.	2.1 Select plant, equipment and tools for the task. 2.2 Identify any limitations of plant, equipment and tools from manufacturer's instructions.

	2.3 Check equipment and tools to ensure guards, guides, controls and switches are fitted and functional. 2.4 Examine hoses for damage and check electrical leads and power tools are tagged. 2.5 Inspect clamps, guides, and equipment used for holding and supporting materials during operation, for faults. 2.6 Set aside, tag and report damaged equipment and tools.
3. Use plant, equipment and tools.	3.1 Level and stabilise static equipment in appropriate location. 3.2 Connect electrical tools to a residual current device (RCD). 3.3 Use plant, equipment and tools safely and effectively and only for their intended purpose. 3.4 Disconnect portable electrical equipment from source and place in a safe location when not in use.
4. Clean up.	4.1 Clear the work area, and dispose of, reuse or recycle materials following workplace and environmental requirements. 4.2 Clean tools and equipment, check for serviceability and report damage or faults. 4.3 Store and secure tools and equipment following workplace procedures.
FOUNDATION SKILLS Candidates require: • technology skills to: o use digital tools and devices to source job information and communicate effectively with others.	
UNIT MAPPING INFORMATION	Supersedes and is equivalent to CPCCBL2002A Use bricklaying and blocklaying tools and equipment
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

TITLE	Assessment requirements for CPCCBL2002 Use bricklaying and blocklaying tools and equipment

PERFORMANCE EVIDENCE

To demonstrate competency in this unit, a candidate must meet the performance criteria of this unit by assisting in at least one bricklaying or blocklaying project.

In doing this, the candidate must:

- conduct a pre-operation check on equipment
- set up and safely use the following tools and equipment:
    - wheelbarrow
    - hand brick grab to load the job
    - cement mixer to mix consistent mortar for the project
    - wet cut brick saw to cut bricks and blocks accurately to varying sizes and shapes
    - hand and power assisted tools and equipment appropriate for the project
- use hand tools to achieve three different joint finishes
- wear appropriate personal protective equipment:
    - hearing protection
    - mask or appropriate respirator for the cutting task/s.

KNOWLEDGE EVIDENCE

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

- terminology relating to bricklaying and blocklaying tools and equipment
- basic construction terminology
- features and purpose of plans and specifications
- manufacturer's specifications and instructions for tools and equipment:
    - safety requirements during operation
    - location and purpose of parts
    - uses and limitations
    - cleanliness and maintenance
    - troubleshooting problems
- functional and operational features of plant, equipment and hand and power tools:
    - wheel barrow
    - spirit, pocket and water level
    - automatic and laser level
    - trowels and jointing tools
    - corner blocks and string lines
    - tingle plate
    - profiles and straight edges
    - bolster chisels

- mash hammer/lump hammer
- builder square and sliding bevels
- power drills
- battery operated tools
- pallet trolleys
- materials hoist
- brick buggies
- elevators
- small petrol or diesel engines, compressors or mixers
- forklifts

- the characteristics and application of specified materials for bricklaying and blocklaying
- processes and techniques for:
  - manual handling
  - mechanical handling
- workplace safety:
  - job safety and environmental analysis (JSEA)
  - electrical safety
  - noise reduction
  - dust suppression
  - working at heights
  - exposure to silica
  - exposure to loud noise
- environmental requirements relating to workplace processes and waste disposal.

ASSESSMENT CONDITIONS

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

This unit must be assessed in the workplace or a close simulation reflecting workplace conditions and standards, materials, equipment, activities, responsibilities, procedures, safety requirements and environmental considerations.

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