UNIT CODE	CPCCBL3005
UNIT TITLE	Lay masonry walls and corners
APPLICATION	This unit specifies the skills and knowledge required to construct masonry walls and corners to different types and styles of buildings. This unit applies to bricklayers and blocklayers who construct masonry walls and corners on new or existing structures. It is suitable for people operating with some autonomy. A person working at this level would be expected to take responsibility for organising and completing tasks assigned to them without needing close supervision. 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. Prepare for work.	1.1 Select, fit correctly and use personal protective equipment (PPE) appropriate for job. 1.2 Read, interpret and apply wall and corner construction requirements from current plans, specifications, standards and codes. 1.3 Follow requirements in workplace safety and environmental documentation and workplace procedures. 1.4 Calculate material quantities required for the task. 1.5 Determine job priorities and sequence job tasks in consultation with others on site. 1.6 Identify potential hazards and determine and implement control measures. 1.7 Select and check condition of plant, equipment and tools and

	report damage or faults to relevant person. 1.8 Check conformity of materials against the specifications and place materials in preparation for the work.
2. Set or brickwork and blockwork.	2.1 Set out position of walls and corners. 2.2 Set up and plumb corner profiles. 2.3 Set out brickwork/blockwork to size using set out rod or brickies tape to manufacturer's coursing chart. 2.4 Mix mortar to required quality and consistency.
3. Lay bricks or blocks	3.1 Lay base courses level to set out marks. 3.2 Lay bricks or blocks using specified bond throughout the construction. 3.3 Build corners plumb, maintaining bond and gauge. 3.4 Rake or rule joints to specified profile and depth. 3.5 Brush down face of brickwork/blockwork prior to drying to remove unwanted mortar
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:

- numeracy skills to:
  - use measurements and formulas to calculate quantities
  - determine and apply coursing chart measurements
- technology skills to:
  - use digital tools and devices to source job information and communicate effectively with others.

UNIT MAPPING INFORMATION	Supersedes and is equivalent to CPCCBL3005A Lay masonry walls and corners
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 CPCCBL3005 Lay masonry walls and corners

PERFORMANCE EVIDENCE

To demonstrate competency in this unit, a candidate must meet the performance criteria of this unit by building one brick and one block wall to a minimum length of 2.3 m and a minimum height of 850 mm.

In doing this, the candidate must:

- construct both walls between a profile at one end and a hand built corner at the other
- incorporate an external and internal corner and a stopped end to both walls
- comply with allowable tolerances in Australian Standards and building codes for construction of both walls
- comply to the brickwork tolerances stated in the current Australian Standards and codes.

KNOWLEDGE EVIDENCE

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

- construction terminology relating to masonry wall and corner construction
- structural principles of loadbearing masonry walls
- building and construction regulations, codes and standards
- key features of National Construction Code (NCC) relating to laying masonry walls and corners
- brick and block expansion and growth, control and articulation joints
- characteristics, applications and limitations of specified materials for masonry wall and corner construction:
    - ingredients and additives to produce consistent mortar (M code)
    - acid for cleaning masonry work
- functional and operational features of plant, equipment and hand and power tools:
    - battery operated tools
- workplace safety:
    - hierarchy of control
    - working at heights
    - hazardous manual tasks
    - exposure to silica
    - exposure to loud noise
- features of working drawings and specifications
- fire control and separation codes and legislation
- processes and techniques for laying masonry walls and corners
- environmental requirements for 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