UNIT CODE	CPCCBL3016
UNIT TITLE	Construct battered masonry walls and piers
APPLICATION	This unit specifies the skills and knowledge required to construct battered masonry wall and piers. It applies to bricklayers and blocklayers who work on new and existing structures. This unit 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 battered masonry walls and pier construction requirements from current plans, specifications, standards and codes. 1.3 Follow requirements in workplace safety and environmental documentation and workplace procedures. 1.4 Use measurements and apply formulas to calculate material quantities from plans and specifications. 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 malfunction to relevant person. 1.8 Check conformity of materials against the specifications and place materials in proximity of the work.
2. Prepare base and lay masonry to battered wall.	2.1. Set out wall position and length on footing. 2.2 Set out piers maintaining gauge and brickwork bond. 2.3 Set up profile to the specified batter angle and check with battered rod board and battering level. 2.4 Lay first course level and straight. 2.5 Lay masonry to the specified pattern maintaining bond and gauge. 2.6 Finish mortar joint as specified and brush down masonry face work.
3. Clean up.	3.1 Clear the work area, and dispose of, reuse or recycle materials workplace and environmental requirements. 3.2 Clean tools and equipment, check for serviceability and report damage or faults. 3.3 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 CPCCBL3016A Construct battered masonry walls and piers.
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 CPCCBL3016 Construct battered masonry walls and piers.

PERFORMANCE EVIDENCE

To demonstrate competency in this unit, a candidate must meet the performance criteria of this unit by constructing a minimum 1.0 m high x 1.5 m long x 230 mm battered masonry wall.

In doing this, the candidate must:

- construct a 1.0 m long x 230 mm wide pier at 90 degrees and to the same height as the battered wall
- lay brick on edge capping to top of wall
- comply with battered masonry walls and piers standards and codes.

KNOWLEDGE EVIDENCE

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

- characteristics, applications and limitations of materials for battered wall construction:
  - mortar ingredients and consistency
  - waterproofing products
- designed concrete foundations to counteract overturning or sliding of battered walls
- processes and techniques for constructing various battered walls and piers:
  - installing drainage pipes
  - backfilling materials and aggregates
  - installing weep holes
- construction terminology relating to battered wall construction
- brick bond patterns
- functional and operational features of plant, equipment, hand and power tools
- workplace safety requirements:
  - hierarchy of control
  - hazardous manual tasks
  - exposure to silica
  - exposure to loud noise
- features of working drawings and specification
- key requirements of the National Construction Code (NCC) relevant to battered masonry wall and pier construction
- standards and building codes relating to acceptable tolerances in brickwork
- 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