UNIT CODE	CPCCBL3017
UNIT TITLE	Carry out tuck pointing and repointing to masonry
APPLICATION	This unit specifies the skills and knowledge required to apply repointing and decorative tuck pointing for joint finishes to masonry on different types and styles of buildings. This unit applies to bricklayers, and stonemasons who work on new, existing and heritage 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. Plan and prepare for work.	1.1 Select, correctly fit and use personal protective equipment (PPE) appropriate for job. 1.2 Read and interpret brickwork tuck pointing and repointing requirements from work instructions, standards and codes. 1.3 Follow relevant information from work workplace safety, workplace procedures and environmental documentation. 1.4 Use measurements and apply formulas to calculate material quantities. 1.5 Determine job priorities and sequence job tasks in conjunction 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.
2. Prepare brickwork surfaces.	2.1 Remove individual loose or broken bricks. 2.2 Match and replace broken bricks. 2.3 Scrap mortar joints to specified depth. 2.4 Clean brickwork surface and joints in preparation for tuck pointing and repointing. 2.5 Form an indent key to bond with joint finishing material. 2.6 Prepare mortar/putty to required colour and mix.
3. Carry out tuck pointing and repointing.	3.1 Apply decorative tuck pointing to bed and perpendicular joints to specified depth and shape. 3.2 Repoint masonry joints ensuring that bed and perpendicular joints are compacted and full. 3.3 Remove excess putty/mortar. 3.4 Repair any imperfections and lightly brush down brickwork.
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 any damage or faults. 4.3 Store and secure tools and equipment.
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 CPCCBL3017A Carry out tuck pointing to brickwork
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 CPCCBL3017 Carry out tuck pointing and repointing to masonry

PERFORMANCE EVIDENCE

To demonstrate competency in this unit, a candidate must meet the performance criteria of this unit by tuck pointing and repointing the bed and perpendicular joints of a masonry wall.

In doing this, the candidate must:

- apply decorative tuck pointing to a minimum of two square metres to a specified colour and finish
- apply repointing to a minimum of two square metres.

KNOWLEDGE EVIDENCE

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

- characteristics, applications and limitations of materials for tuck pointing and repointing:
  - mortar ingredients and consistency
  - mortar adhesive ability, stability and durability
  - colouring agents and pigments
  - slaked rock lime
- processes and techniques for tuck pointing and repointing:
  - door and window reveals and sills
  - internal and external corners
  - maintaining consistent bed and perpend joints
- terminology relating to tuck pointing:
  - ribbon
  - struck
- functional and operational features of plant, equipment, hand and power tools
- workplace safety:
  - job safety and environmental analysis (JSEA)
  - work at heights
  - hazardous manual tasks
  - hazardous substances
  - exposure to silica
  - exposure to loud
- work instructions, standards, codes relating to tuck pointing and repointing
- environmental and waste management requirements:
  - disposal of waste material
  - recycling materials

ASSESSMENT CONDITIONS

Assessors must satisfy the requirements for assessors listed in the Standards for Registered Training Organisations. 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