UNIT CODE	CPCCST3013
UNIT TITLE	Carry out cemetery monument fixing
APPLICATION	This unit specifies the skills and knowledge required to construct and fit cemetery monuments. It includes the use of granite, marble, basalt, pre-cast concrete sections and manufactured stone. This unit applies to stonemasons who work independently, in a team or under supervision to carry out stonemasonry work relating to cemetery monument fixing in a workshop setting, on a new or existing structure. 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 the work.	1.1 Read, interpret and apply monument fixing requirements from current job instructions, specifications and codes. 1.2 Follow relevant information from workplace procedures, workplace safety and environmental documentation. 1.3 Determine job priorities and sequence job tasks in consultation with others on site. 1.4 Identify potential hazards and determine and implement control measures. 1.5 Use measurements and apply formulas to calculate material quantities.

	1.6 Select and check condition of plant, equipment and tools and report damage or malfunction to relevant personnel. 1.7 Check conformity of materials against the job requirements and report inconsistencies to relevant person.
2. Construct footings and prepare monument stones.	2.1 Select, fit correctly and use personal protective equipment (PPE) appropriate for job. 2.2 Set out and excavate trench to specified dimensions. 2.3 Place reinforcement, fix formwork and pour concrete footings. 2.4 Set out and install monument on footing.
3. Position side stones.	3.1 Position side stones, plumb and pack to provide a slight fall towards front stone. 3.2 Check side stones are aligned, level, parallel and square. 3.3 Measure, mark, cut and insert abutting dowels.
4. Stand front and back stones.	4.1 Mix mortar, insert into side stone holes and insert dowel joints to full depth. 4.2 Position back stone on timber packing in preparation to lift into place and protect side stones to prevent chipping. 4.3 Place mortar and lift back stone into position and pack level. 4.4 Locate, raise and position front stone and pack to ensure level and plumb. 4.5 Mix grout and pack joints between base and kerb stones. 4.6 Remove excess grout and clean and wash kerb stones.
5. Fix headstone to back stone.	5.1 Measure and cut dowels for joints, apply mortar or adhesive and insert dowels. 5.2 Raise and lower headstone into position and finish plumb and level.
6. Fill centre and finish with chip top.	6.1 Fill and compact centre area base to specified height. 6.2 Place brick supports in each corner, cut and fix reinforcement and pour a minimum 50 mm concrete slab. 6.3 Mix and spread stone screening to required finished height.
7. Fit cover stone and finish monument.	7.1 Measure and cut dowels for joints, prepare and fill centre area and fill dowel holes with mortar and fully insert dowels into position.

	7.2 Shift cover stone into place on timber packing, and lower into place using wedges to finish in position. 7.3 Prepare and apply pointing/grouting material to finish joints. 7.4 Remove excess mortar, and clean and polish cover stone.
8. Clean up.	8.1 Clear the work area, and dispose of, reuse or recycle materials following workplace and environmental requirements. 8.2 Clean tools and equipment, check for serviceability and report damage or faults. 8.3 Store and secure tools and equipment following workplace procedures.
FOUNDATION SKILLS Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.	
UNIT MAPPING INFORMATION	Supersedes and is equivalent to CPCCST3013A Carry out cemetery monument fixing
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 CPCCST3013 Carry out cemetery monument fixing

PERFORMANCE EVIDENCE

To demonstrate competency in this unit, a candidate must meet the performance criteria of this unit by installing two different styles of cemetery monuments.

In doing this, the candidate must:

- install two different types of stone
- test and use lifting equipment
- comply with cemetery monument standards and codes.

KNOWLEDGE EVIDENCE

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

- types and performance of adhesives and sealants used in stonemasonry work
- properties and performance of concrete footings
- types of natural and manufactured stone:
    - basalt
    - granite
    - marble
    - pre-cast concrete sections
    - reconstituted stone
- processes and techniques for fixing various types of cemetery monuments
- construction terminology relating to monument fixing
- types and safe use of lifting equipment
- functional and operational features of plant, equipment and hand and power tools:
    - air compressor and hoses
    - concrete mixers
    - generators
    - impact drills
    - power grinders
    - gin poles
    - hydraulic or mechanical jacks
    - shear legs
    - power operated tools
- workplace processes and procedures
- workplace safety:
    - job safety and environmental analysis (JSEA)
    - exposure to silica
    - exposure to excessive noise

o hazardous manual tasks o hazardous substances • features of working drawings and specifications • digital technology and use of devices to source information and communicate with others • environmental requirements for workplace processes and waste disposal • relevant cemetery monument standards, codes and regulations.
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