UNIT CODE	CPCCPA3002
UNIT TITLE	Lay segmental paving
APPLICATION	This unit specifies the skills and knowledge required to lay segmental pavers on prepared subgrade and base. It applies to people who set out and lay a range of segmental pavers to external areas of new and existing sites. 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. Plan the work.	1.1 Select, fit correctly and use personal protective equipment (PPE) appropriate for job. 1.2 Read, interpret and apply laying segmental paving requirements from current plans, specifications, standards and codes. 1.3 Follow requirements in workplace safety and environmental documentation and workplace procedures relevant to work activity. 1.4 Use measurements and apply formulas to calculate material quantities. 1.5 Determine job priorities and sequence job tasks in consultation with others on site.
2. Prepare for work.	2.1 Select and check condition of equipment and tools and report any

	damage or faults to relevant person. 2.2 Check conformity of materials and pavers for fit for purpose, size, dimension, colour and imperfections. 2.3 Stack rejected pavers aside to use for cuts. 2.4 Stack pavers in preparation for the work.
3. Lay pavers.	3.1 Set out stringline grid squares to establish guide levels and lines. 3.2 Lay pavers to design pattern with localised stresses between adjacent pavers reduced. 3.3 Check, adjust and maintain allowable tolerances during laying of pavers.
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 CPCCPA3002A Lay segmental pavers
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 CPCCPA3002 Lay segmental paving

PERFORMANCE EVIDENCE

To demonstrate competency in this unit, a candidate must meet the performance criteria of this unit by laying segmental paving, to a specified design, to an area of a minimum of 2.0 m x 3.0 m.

In doing this, the candidate must:

- lay specified pavers to a flat surface avoiding ponding
- maintain equal joints and spacing to allowable tolerances stated in manufacturer's specifications.

KNOWLEDGE EVIDENCE

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

- characteristics, applications and limitations of approved paving materials:
    - various bedding materials
    - types of segmental pavers
    - waterproofing materials
    - geotextile materials
    - mortar ingredients and consistency
- processes and techniques relating to paving:
    - stabilising bedding sand
    - laying of various paving designs and patterns
    - efficient laying practices:
        - with consideration of direction of fall or slope of job
        - good access to materials
        - minimising cuts
        - working around existing structures and penetrations
- construction terminology relating to paving
- brick and paver expansion and, control and articulation joints
- functional and operational features of plant, equipment and hand and power tools
- workplace safety requirements:
    - job safety and environmental analysis (JSEA)
    - hazardous manual tasks
    - electrical hazards
    - exposure to silica
    - exposure to loud noise
- current and relevant Australian standards and building codes
- features of working drawings and specification
- environmental requirements for workplace processes and waste disposal

• manufacturer's specifications relating to paving products.	
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