UNIT CODE	CPCCPA3004
UNIT TITLE	Finish segmental paving
APPLICATION	This unit specifies the skills and knowledge required to finish paving work by setting pavers using a variety of materials. This unit applies to those who finish paving on external areas on new and existing sites. 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 the work.	1.1 Select, fit correctly and use personal protective equipment (PPE) appropriate for job. 1.2 Read, interpret and apply finish segmental paving requirements from current plans and specifications. 1.3 Follow requirements in workplace safety and environmental documentation and workplace procedures. 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. 1.6 Select and check condition of equipment and tools and report any damage or faults to relevant person.

	1.7 Check conformity of materials against the specifications and place materials in in preparation for the work.
2. Set segmental pavers.	2.1 Secure paved area with an edging course as specified. 2.2 Set segmental pavers with specified material and compact. 2.3 Repeat setting process as required to ensure joints are full. 2.4 Check paving for chipped, cracked or damaged pavers and replace.
3. Clean up.	3.1 Clear the work area, and dispose of, reuse or recycle materials following 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 CPCCPA3004A Finish segmental paving
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 CPCCPA3004 Finish segmental paving

PERFORMANCE EVIDENCE

To demonstrate competency in this unit, a candidate must meet the performance criteria of this unit by setting and finishing a paving project, minimum of 2.0 m x 3.0 m.

In doing this, the candidate must:

- secure the edging course in mortar
- set paving in sand, pebbles or mortar.

KNOWLEDGE EVIDENCE

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

- characteristics, applications and limitations of approved paving materials:
  - types of segmental pavers
  - mortar ingredients and consistency
  - setting materials
  - sealing products
- processes and techniques relating to paving:
  - securing edging course using different methods
  - compacting and rolling during setting
- terminology relating to paving
- effect of salt and chlorine in pools on pavers, mortar and other bonding agents
- principles of vertical interlock, rotational interlock and horizontal interlock
- brick and paver expansion and, control and articulation joints
- functional and operational features of plant, equipment and hand and power tools:
  - plate compactors
  - rollers
- workplace safety requirements:
  - job safety and environmental analysis (JSEA)
  - hazardous manual tasks
  - exposure to silica
  - exposure to loud noise
- 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