



Australian Government

**Assessment Requirements for
CPCCPA3001 Prepare subgrade, base and
bedding course for segmental paving**

Release: 1

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Modification History

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCCPA3001A Prepare subgrade, base and bedding course for segmental paving. Updated to meet the Standards for Training Packages 2012.

Performance Evidence

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

In doing this, the candidate must:

- excavate the area to be paved using manual and mechanical means
- install suitable surface and subsoil drainage
- compact subgrade, base and bedding courses to required compaction specifications
- screed bedding material flat and avoid any ponding.

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
- soil types
- processes and techniques relating to paving:
 - manual and mechanical excavation
 - compacting subgrades, bases and bedding courses
 - stabilising bedding sand
 - laying of various paving patterns
- terminology relating to paving
- principles of California bearing ratio (CBR)
- brick and paver expansion, and control and articulation joints

- functional and operational features of plant, equipment and hand and power tools:
 - skid steer loader
 - backhoe
 - excavator
 - plate compactors
- workplace safety:
 - job safety and environmental analysis (JSEA)
 - hazardous manual tasks
 - overhead and underground hazards
 - operating excavation and compacting equipment
 - exposure to silica
 - exposure to loud noise
- features of working drawings and specifications
- environmental requirements for workplace processes and waste disposal
- specifications relating to preparing subgrades, bases and bedding for paving.

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.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>