



Australian Government

**Assessment Requirements for
CPCCL3006 Lay multi-thickness walls
and piers**

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 CPCCL3006A Lay multi-thickness walls and piers. 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 laying three 230 mm thick brick walls, to a minimum height of 634 mm.

In doing this, the candidate must:

- lay one English bond wall to minimum length of 2100 mm with one 90° return external corner to the same height and a minimum length of 700 mm
- lay one Flemish bond wall to a minimum length of 1700 mm which incorporates a 590 mm (minimum) squint corner return; wall to be finished with a brick on edge capping finish with symmetrically mitred cuts over squint corner
- lay one wall in chosen bond (not stretcher) to a minimum length of 2100 mm with a 'T' junction with a minimum length of 600 mm
- engaged one pier to each wall at the same height of wall
- set out and lay one isolated pier in the same bond for each wall, to the set-out wall height
- comply to the brickwork tolerances stated in the current Australian Standards and codes.

Knowledge Evidence

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

- characteristics, applications and limitations of approved materials used for multi-thickness walls and pier construction
- processes and techniques for:
 - multi-thickness brick and pier construction
 - installing specified reinforcing
 - laying bricks to specified bond to provide structural stability
 - damp-proofing, installing drainage pipes and weep holes
- construction terminology relating to multi-thickness wall and pier construction
- brick bond patterns:
 - Flemish
 - Flemish garden wall

- English bond
- English garden wall bond
- Monk bond
- Dutch
- 1/3 bond
- Stretcher
- functional and operational features of plant, equipment and hand and power tools
- workplace safety:
 - job safety and environmental analysis (JSEA)
 - working at heights
 - hazardous manual tasks
 - dust suppression
 - exposure to silica
 - exposure to loud noise
- features of working drawings and specification
- relevant and current building, brick and block laying standards and codes
- key features of National Construction Code (NCC) relating to multi-thickness walls and piers
- 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.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>