



Australian Government

CPCCB3005 Lay masonry walls and corners

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 CPCCB3005A Lay masonry walls and corners. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to construct masonry walls and corners to different types and styles of buildings.

This unit applies to bricklayers and blocklayers who construct masonry walls and corners on new or existing structures. 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.

Pre-requisite Unit

CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry

Unit Sector

Bricklaying and Blocklaying

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

1 Prepare for work.

1.1 Select, fit correctly and use personal protective equipment (PPE) appropriate for job.

1.2 Read, interpret and apply wall and corner construction

- requirements from current plans, specifications, standards and codes.
- 1.3 Follow requirements in workplace safety and environmental documentation and workplace procedures.
 - 1.4 Calculate material quantities required for the task.
 - 1.5 Determine job priorities and sequence job tasks in consultation with others on site.
 - 1.6 Identify potential hazards and determine and implement control measures.
 - 1.7 Select and check condition of plant, equipment and tools and report damage or faults to relevant person.
 - 1.8 Check conformity of materials against the specifications and place materials in preparation for the work.
- 2 Set or brickwork and blockwork.
- 2.1 Set out position of walls and corners.
 - 2.2 Set up and plumb corner profiles.
 - 2.3 Set out brickwork/blockwork to size using set out rod or brickies tape to manufacturer's coursing chart.
 - 2.4 Mix mortar to required quality and consistency.
- 3 Lay bricks or blocks
- 3.1 Lay base courses level to set out marks.
 - 3.2 Lay bricks or blocks using specified bond throughout the construction.
 - 3.3 Build corners plumb, maintaining bond and gauge.
 - 3.4 Rake or rule joints to specified profile and depth.
 - 3.5 Brush down face of brickwork/blockwork prior to drying to remove unwanted mortar
- 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:

- numeracy skills to:
 - use measurements and formulas to calculate quantities
 - determine and apply coursing chart measurements
- technology skills to:
 - use digital tools and devices to source job information and communicate effectively with others.

Unit Mapping Information

Supersedes and is equivalent to CPCCB3005A Lay masonry walls and corners

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>