



Australian Government

CPCCB3003 Carry out cavity brick construction

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 CPCCB3003A Carry out cavity brick construction. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to construct cavity brick buildings and structures. It includes installing moisture barriers, ventilation and roof tie downs.

This unit applies to bricklayers and blocklayers who work 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.

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| 1 Prepare for work. | 1.1 Select, fit correctly and use personal protective equipment (PPE) appropriate for job. |
| | 1.2 Read, interpret and apply cavity brick construction |

- requirements from current plans, specifications, standards and codes.
- 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 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 materials against the specifications and report non-conformities to relevant person.
- 2 Set out brickwork.
- 2.1 Set out and mark base brickwork.
 - 2.2 Set out brickwork gauge and bond.
 - 2.3 Set out load bearing brickwork.
 - 2.4 Set out door and window positions.
- 3 Construct base brickwork.
- 3.1 Mix mortar to specified consistency.
 - 3.2 Lay cavity brick base to set out marks.
 - 3.3 Locate and install damp-proofing, weepholes and ventilation for suspended floor construction.
- 4 Construct brick walls.
- 4.1 Construct brick walls straight, plumb and level.
 - 4.2 Fix wall ties to specified positions.
 - 4.3 Locate and build in standard height door jambs and window frames into cavity walls.
 - 4.4 Install lintels and head flashings to openings.

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| | 4.5 | Construct gables and parapets maintaining line, level and plumb. |
| | 4.6 | Install roof tie down and lateral support into walls. |
| | 4.7 | Cut and lay sill bricks to a line as specified. |
| 5 Rake or rule joints. | 5.1 | Rake or rule joints to specified profile and depth. |
| | 5.2 | Brush down face of brickwork to remove unwanted mortar prior to drying. |
| 6 Clean up. | 6.1 | Clear the work area, and dispose of, reuse or recycle materials following workplace and environmental requirements. |
| | 6.2 | Clean tools and equipment, check for serviceability and report damage or faults. |
| | 6.3 | Store and secure tools and equipment following workplace procedures. |

Foundation Skills

Candidates require:

- 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 CPCCL3003A Carry out cavity brick construction

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>