



Australian Government

Assessment Requirements for CPCCBL3003 Carry out cavity brick construction

Release: 2

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Modification History

- Release 2 Updated reference to general construction induction training program.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and is equivalent to CPCCBL3003A Carry out cavity brick construction. 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 constructing a 2.1 m long x 2.0 m high cavity brick wall which incorporates an internal and external corner.

In doing this, the candidate must:

- install damp proof course and ventilation
- install brick cavity wall ties, door jamb and window frame
- install lintels, loadbearing components and roof tie-downs
- construct parapets and install step flashing
- comply with relevant cavity brick standards and codes.

Knowledge Evidence

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

- construction terminology relating to cavity brick construction
- characteristics, applications and limitations of specified materials for cavity brick construction:
 - clay bricks
 - aggregates, cement and lime
 - mortar ingredients and consistency
- processes and techniques for:
 - suspended floor construction
 - construction of cavity brick on slab construction
 - anti-termite measures
 - damp-proofing, flashing and ventilation
 - installing lintels and load bearing components

- installing windows and doors
- gable and eaves construction
- level flashing for parapets
- tie down methods and applications
- closing of cavities and capping systems
- fire control and separation requirements
- brick and block expansion and growth and control and articulation joints
- brick bond patterns
- functional and operational features of plant, equipment and hand and power tools:
 - battery operated tools
- workplace safety:
 - job safety and environmental analysis (JSEA)
 - exposure to silica dust
 - exposure to loud noise
 - hazardous manual tasks
 - erecting and dismantling of scaffolds
- allowable brickwork tolerances stated in current and relevant Australian Standards and building codes
- fire control and separation codes and legislation
- key requirements of the National Construction Code (NCC) relevant to cavity brick construction
- features of working drawings and specifications
- 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>