



Australian Government

Assessment Requirements for CPCCBBL3014 Install fire-rated masonry 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 CPCCL3014A Install fire-rated masonry 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 fire-resistant masonry wall.

In doing this, the candidate must:

- install a fire-rated steel door jamb
- fire-proof two service penetrations of various sizes
- fit fire-rated insulation between brick wall and roof covering
- comply with fire control and separation requirements of National Construction Code (NCC) and other standards and legislation.

Knowledge Evidence

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

- characteristics, applications and limitations of materials used in fire-rated masonry construction:
 - mortar ingredients
 - fire-resistant masonry blocks and bricks
 - fire seals and insulation
- principles of heat and effects on materials
- fire control and separation required by the NCC and other legislation:
 - fire resistant levels (FRL) of materials used in fire-rated masonry requirements
- processes and techniques for:
 - installing fire-rated masonry
 - damp proofing and flashing
 - installing fire-rated steel door jambs
 - fitting continuous fire-rated seal between structure and roof cladding

- construction terminology relating to fire-rated masonry construction
- functional and operational features of plant, equipment, hand and power tools
- workplace safety:
 - job safety and environmental analysis (JSEA)
 - work at heights
 - hazardous manual handling
 - exposure to silica
 - exposure to loud noise
- acceptable brickwork tolerances stated in Australian Standards and building codes
- 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>