



Australian Government

Assessment Requirements for CPCCBBL3013 Construct masonry structural systems

Release: 3

Assessment Requirements for CPCCL3013 Construct masonry structural systems

Modification History

- Release 3 Updated reference to general construction induction training program.
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.3.
Change to Performance Criteria 4.1.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
Supersedes and is equivalent to CPCCL3013A Construct masonry structural systems. 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 load bearing block wall with one 390 mm x 390 mm engaged pier.

In doing this, the candidate must:

- install wall tie down and lateral reinforcing support system
- install a door jamb and bond beam lintel
- secure tie down for roof structures
- clean core in preparation for core filling
- comply with current masonry structural systems standards and codes.

Knowledge Evidence

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

- characteristics, application and limitation of approved materials for structural wall construction:
 - mortar ingredients and consistency
 - steel reinforcing and steel ties
- processes and techniques for structural wall construction:
 - methods of engaging piers
 - fixing of horizontal and vertical reinforcing
 - installing roof tie down systems
- construction terminology relating to structural wall construction

- brick and block expansion and growth, control and articulation joints
- functional and operational features of plant, equipment, hand and power tools
- workplace safety:
 - job safety and environmental analysis (JSEA)
 - working at heights
 - exposure to silica
 - exposure to loud noise
- fire control and separation requirements
- key requirements of the National Construction Code (NCC) relevant to masonry structural systems
- features of working drawings and specification
- 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>