



Australian Government

Assessment Requirements for CPCCBL3018 Install aerated autoclaved concrete products

Release: 3

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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 5.1.
Knowledge Evidence formatted for clarity.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
Supersedes and is equivalent to CPCCL3018A Install aerated autoclaved concrete products. 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 building an aerated autoclaved concrete (AAC) block wall to a minimum height 1.5 m and minimum length of 2.0 m.

In doing this, the candidate must:

- build an external corner into the wall
- install damp proof course
- install a door opening with lintel and flashing
- install roof tie down requirements
- install AAC vertical and horizontal wall panels, using the recommended fixing system, to a minimum of a four-square metre timber wall
- comply with ACC manufacturer's specifications, standards and codes.

Knowledge Evidence

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

- characteristics, applications and limitations of materials for AAC construction:
 - mortar consistency and adhesives
 - AAC block and panel bond patterns
 - expansion and control and articulation joints
- fire control and separation required by the National Construction Code (NCC) and other legislation
- processes and techniques for AAC block and panel construction:

- vermin control and anti-termite measures
- damp proofing, flashing and ventilation
- wall tying components
- lintels and load bearing components
- timber, steel and aluminium windows
- timber and steel door frames
- installing AAC flooring panels to suspended flooring system, using the recommended fixings
- construction terminology relating to AAC block and panel construction
- functional and operational features of plant, equipment and hand and power tools
- workplace safety requirements:
 - job safety and environmental analysis (JSEA)
 - work at heights
 - hazardous manual tasks
 - hazardous materials
 - exposure to silica
 - exposure to loud noise
- features of working drawings and specification
- key requirements of the National Construction Code (NCC) relevant to ACC installation
- 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>