



Australian Government

Assessment Requirements for CPCCST3016 Build solid stonemasonry walls

Release: 2

Assessment Requirements for CPCCST3016 Build solid stonemasonry walls

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 CPCCST3016A Build solid stonemasonry walls.
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 a minimum 2.1 m long and 2.0 m high solid masonry wall with a minimum of one external or internal corner.

In doing this, the candidate must:

- set out gauge and bond, window and door opening, flashing, weepholes and ventilation
- lay stones level, straight and plumb at corners
- install lintels for opening maintaining gauge and bond.

Knowledge Evidence

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

- characteristics, applications and limitations of materials for building solid masonry walls
- types of natural and manufactured stone used in wall construction:
 - limestone
 - sandstone
 - artificial stone
 - autoclaved aerated concrete (AAC)
- processes and techniques for building stonemasonry walls:
 - subfloor, wall and roof construction
 - damp proofing, flashing and ventilation
 - tying components
 - lintels and load bearing components
 - gable and eaves construction
- construction terminology relating to laying stone
- mortar ingredients and consistency

- stone bond patterns
- types and safe use of lifting equipment
- functional and operational features of plant, equipment and hand and power tools:
 - cement mixer
 - elevated work platforms (EWP)
 - power drills
 - air compressor and hoses
 - battery operated tools
- workplace processes and procedures
- workplace safety:
 - exposure to silica
 - job safety and environmental analysis (JSEA)
 - hazardous manual tasks
 - working at heights
 - exposure to loud noise
- working drawings and specifications
- material protection and storage
- environmental requirements for workplace processes and waste disposal
- sustainability principles
- construction standards, codes and regulations
- key requirements of the National Construction Code (NCC) relevant to solid masonry walls
- digital technology to source information and communicate with others.

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>