



Australian Government

CPC CST3016 Build solid stonemasonry walls

Release: 2

CPC CST3016 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 CPC CST3016A Build solid stonemasonry walls. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to build stonemasonry solid walls. It includes installing damp proofing and flashing.

This unit applies to stonemasons who work independently or in a team to build solid stonemasonry walls on a new or existing structure.

A person working at this level would be expected to take responsibility for organising and completing tasks assigned to them without needing close supervision.

Completion of the general construction induction training program specified by the model Code of Practice for Construction Work is required for any person who is to carry out construction work. Achievement of *CPCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

CPCWHS2001 Apply WHS requirements, policies and procedures in the construction industry

Unit Sector

Stonemasonry

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

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| 1 Plan and prepare. | 1.1 Read, interpret and apply solid stonemasonry wall construction requirements from current plans, |
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- specifications, standards and codes.
- 1.2 Follow relevant information from workplace procedures, workplace safety and environmental documentation.
 - 1.3 Use measurements and formulas to calculate material quantities.
 - 1.4 Determine job priorities and sequence job tasks in consultation with others on site.
 - 1.5 Identify potential hazards and determine and implement control measures.
 - 1.6 Select and check condition of plant, equipment and tools and report damage or malfunction to relevant person.
 - 1.7 Check conformity of materials against the specifications and place materials in proximity of the work.
- 2 Set out stonework.
- 2.1 Select, fit correctly and use personal protective equipment (PPE) appropriate for job.
 - 2.2 Identify structural details, loadbearing stonework and piers for stonework construction.
 - 2.3 Establish finish heights and levels from datum and set out and mark base stonework.
 - 2.4 Set out stonework gauge and bond.
 - 2.5 Set out and mark load bearing stonework, damp proof course (DPC), flashing, ventilation, vermin proofing and ant capping.
 - 2.6 Set out door and window positions to suit gauge and bond.
- 3 Construct solid masonry walls.
- 3.1 Mix mortar to colour and consistency of job requirements.
 - 3.2 Lay base stones and construct to set out position and to level and bond.
 - 3.3 Construct sold stonemasonry walls straight, level and plumb to allowable tolerances and with required wall

- ties.
- 3.4 Install DPC, flashings, weep holes and ventilation to comply with standards and codes.
 - 3.5 Set out, erect, stabilise and brace work platform to workplace safety requirements.
 - 3.6 Construct window and door openings and install flashings.
 - 3.7 Install lintels and head flashings.
 - 3.8 Install roof tie down to meet specifications and standards.
 - 3.9 Set out, cut and lay sill bricks with specified slope and clearances.
- 4 Finish stonework.
- 4.1 Remove excess mortar prior to drying.
 - 4.2 Rake or rule joints to specified profile and depth.
 - 4.3 Bruch down and clean face stonework.
- 5 Clean up.
- 5.1 Clear the work area, and dispose of, reuse or recycle materials following workplace and environmental requirements.
 - 5.2 Clean tools and equipment, check for serviceability and report damage or faults.
 - 5.3 Store and secure tools and equipment following workplace procedures.

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to CPC CST3016A Build solid stonemasonry walls

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>