



**Australian Government**

# **CPC CST3012 Build stone veneer walls**

**Release: 1**

# CPCST3012 Build stone veneer walls

## Modification History

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCST3012A Build stone veneer walls.  
Updated to meet the Standards for Training Packages 2012.

## Application

This unit specifies the skills and knowledge required to build single leaf stone block face walls to a metal or timber wall frame construction.

This unit applies to stonemasons who work independently, in a team or under supervision to build stone veneer walls relating to stonemasonry work 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 Prepare for work. | 1.1 Read, interpret and apply stone veneer construction requirements from current plans, specifications, standards and codes. |
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- 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 implement control measures.
  - 1.6 Select and check condition of plant, equipment and tools and report damage or faults to relevant person.
  - 1.7 Check conformity of materials against the job requirements.
- 2 Set out stone veneer work.
- 2.1 Select, fit correctly and use personal protective equipment (PPE) appropriate for job.
  - 2.2 Identify structural details of stone veneer construction from plans and specifications.
  - 2.3 Establish overall height and levels from datum.
  - 2.4 Set out stonework dimensions and bond and mark on footing.
  - 2.5 Set out door and window openings, stone gauge and damp proof course (DPC).
- 3 Construct base.
- 3.1 Select, blend and place materials in preparation for the work.
  - 3.2 Mix mortar for consistency and job requirements and place on mortar boards ready for use.
  - 3.3 Lay base stonework level and plumb to set out marks.
- 4 Construct stone veneer walls
- 4.1 Check structural frame for plumb, straight and no protrusions to maintain consistent cavity size.
  - 4.2 Install reflective foil to meet building code and

- Australian standards.
- 4.3 Lay stone masonry work installing DPC and flashings, ventilation, weep holes and fix wall ties to framework.
  - 4.4 Construct opening and install flashings maintaining clean cavity from mortar dropping and bridging.
  - 4.5 Set out, erect, stabilise and brace work platform to workplace safety requirements.
  - 4.6 Install lintels and head flashings to openings.
  - 4.7 Finish stone veneer walls level, plumb and parallel to eaves height.
  - 4.8 Locate and form control joints and stone work reinforcing as specified.
  - 4.9 Cut and lay sill bricks to a line as specified.
- 5 Rake and rule joints.
- 5.1 Remove excess mortar from stonework.
  - 5.2 Rake or rule joints to specified profile and depth.
  - 5.3 Clean face of stonework prior to mortar drying.
- 6 Clean up
- 6.1 Clear the work area, and dispose of, reuse or recycle materials following workplace and environmental requirements.
  - 6.2 Clean tools and equipment, check for serviceability and report damage or faults.
  - 6.3 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 CPCST3012A Build stone veneer 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>