



Australian Government

CPCCST2001 Prepare for stonemasonry construction process

Release: 2

CPC CST2001 Prepare for stonemasonry construction process

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 CST2001A Prepare for the stonemasonry construction process. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to undertake the preparation processes required to support the laying or placement of stone. It includes assisting in stonemasonry work by preparing materials and using a range of tools and equipment.

The unit is suitable for people with basic skills and knowledge who undertake routine stonemasonry work tasks under the direction of more experienced workers.

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.

1 Plan the work.

1.1 Read, interpret and apply stonemasonry construction requirements from current plans, specifications,

- standards and codes and confirm information with relevant person.
- 1.2 Source information and communicate with others using digital technology.
 - 1.3 Follow requirements in workplace safety and environmental documentation and workplace procedures.
 - 1.4 Clarify 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 Use measurements and apply formulas to calculate material quantities.
- 2 Prepare the work.
- 2.1 Select, fit correctly and use personal protective equipment (PPE) appropriate for job.
 - 2.2 Check conformity of materials against the job requirements.
 - 2.3 Select and blend stone colours as instructed and position materials ready for use.
 - 2.4 Select and check condition of equipment and tools required for the job and report damage or faults to supervisor.
 - 2.5 Prepare equipment and materials for mixing of mortar or adhesives.
 - 2.6 Set up cement mixer, locate mortar boards and clear pathways for supply of mortar.
- 3 Assist with stonemasonry work.
- 3.1 Maintain a supply of mortar to boards and stone to stacks.
 - 3.2 Use hand and power tools to clean, cut and prepare stone for laying.
 - 3.3 Assist in the set out, erection and stabilising of the scaffold.

- 3.4 Clean finished stonework prior to mortar drying.
- 4 Clean up.
 - 4.1 Clear the work area, and dispose of, reuse or recycle materials following workplace and environmental requirements.
 - 4.2 Clean tools and equipment, check for serviceability and report damage or faults.
 - 4.3 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 CPCCT2001A Prepare for stonemasonry construction process

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>

Assessment Requirements for CPCCST2001 Prepare for stonemasonry construction process

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Performance Evidence

To demonstrate competency in this unit, a candidate must meet the performance criteria of this unit by assisting with two stone masonry laying project on two different sites.

In doing this, the candidate must:

- clear the work area, position masonry materials ready for laying
- mix mortar or adhesive to job specifications and maintain sufficient quantities on mortar boards
- maintain a clean and safe workplace.

Knowledge Evidence

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

- characteristics, applications and limitations of specified materials for stonemasonry construction
- igneous, metamorphic and sedimentary rocks and the appropriate tools to work on these type of rocks
- construction terminology relating to stonemasonry construction
- mortar and adhesive ingredients and consistency
- functional and operational features of equipment and hand and power tools:
 - angle grinders
 - masonry saws
 - hand tools
 - wheelbarrows
- types and safe use of stone lifting equipment
- workplace practices relating to stonemasonry
- workplace safety:

- job safety and environmental analysis (JSEA)
- exposure to silica dust
- exposure to loud noise
- hazardous manual tasks
- processes and techniques for:
 - material protection and storage
 - stonemasonry construction work
 - locating and loading mortar boards
 - work area preparation
 - laying stone
- environmental requirements for workplace processes and waste disposal.
- key features of plans and specifications
- stonemasonry regulations, standards and codes.

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

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