



Australian Government

CPC CST2003 Finish stone

Release: 2

CPCST2003 Finish stone

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 CPCST2003A Finish stone. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to cut and finish both hard and soft stone. It includes determining stone hardness prior to cutting and finishing stone.

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 and prepare.

1.1 Read, interpret and apply finish stone requirements from current plans, specifications, standards and codes and confirm information with relevant person.

- 1.2 Follow requirements in workplace safety and environmental documentation and workplace procedures.
 - 1.3 Clarify job priorities and sequence job tasks in consultation with other workers.
 - 1.4 Identify potential hazards and implement control measures.
 - 1.5 Select and check condition of plant, equipment and tools and report damage or faults to relevant person.
 - 1.6 Check conformity of materials against the job requirements and place stone ready for the work.
 - 1.7 Identify stone hardness using Mohs scale of mineral hardness.
- 2 Cut stone.
 - 2.1 Select, fit correctly and use personal protective equipment (PPE) appropriate for job.
 - 2.2 Mark stone and position onto cutting table to obtain maximum efficiency in cutting.
 - 2.3 Align stone to cutting blade and secure in position to ensure stability.
 - 2.4 Adjust machinery to maximum depth of cut for size of stone.
 - 2.5 Apply coolant as required for stone and job requirements.
 - 2.6 Use primary and secondary cutting machines appropriate to their cutting capacity.
- 3 Polish stone.
 - 3.1 Prepare stone with adhesives or fillers.
 - 3.2 Set up and operate polishing heads.
 - 3.3 Polish stone using various hand-operated and static polishing machines.
 - 3.4 Apply adhesives, tinting for fillers and reinforcing materials to job requirements.

- 3.5 Clean stone face surfaces and apply finishes.
- 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 CPCST2003A Finish stone

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>