



Australian Government

CPCCT3002 Shape solid stone

Release: 2

CPCST3002 Shape solid 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 CPCST3002A Dress and mould stone.
- Updated to meet the Standards for Training Packages.

Application

This unit specifies the skills and knowledge required to shape solid hard and soft stone. It includes using a range of shaping methods to meet required specifications.

This unit applies to stonemasons who work independently, in a team or under supervision and operate machinery relating to stone work in a workshop setting, on a new site or an existing structure.

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 | 1.1 Read, interpret and apply requirements for shaping solid stone from specifications, standards and codes. |
|---|--|

- 1.2 Follow requirements in workplace safety and environmental documentation and workplace procedures.
 - 1.3 Determine job priorities and sequence job tasks in consultation with others on site.
 - 1.4 Identify potential hazards and determine and implement control measures.
 - 1.5 Select and check condition of plant, equipment and tools and report damage or malfunction to relevant personnel.
 - 1.6 Check conformity of materials against the job requirements.
- 2
 - 2.1 Select, fit correctly and use personal protective equipment (PPE) appropriate for job.
 - 2.2 Determine required stone dimensions and shape.
 - 2.3 Dress stone using each tool for correct application and sequence.
 - 2.4 Cut soft stone accurately to squared sizes.
 - 2.5 Shape stone using a range of hand tools when processing at different stages.
 - 2.6 Cut stone to size and shape.
 - 2.7 Dress stone surfaces using abrasive machines.
 - 2.8 Adjust machinery to stone applications and operate using jigs and guides for repetitive and fine tolerance work.
- 3
 - 3.1 Conduct a pre-operation check on equipment.
 - 3.2 Operate circular diamond saw to cut square blocks and operate with rise and fall functions for cutting profiles.
 - 3.3 Shape stones on lathe both between centres and face work.
 - 3.4 Operate a core drilling machine.
 - 3.5 Shape moulded section on planer machine.

- | | | | |
|---|-----------|-----|---|
| 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 CPCST3002A Shape solid 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>