UNIT CODE	CPCCST3004
UNIT TITLE	Dress stone manually
APPLICATION	This unit specifies the skills and knowledge required to dress hard and soft stone manually. 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 or 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 *CPCCWHS1001 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.
PREREQUISITE UNIT	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
ELEMENTS	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 requirements to dress stone manually from job requirements, specifications, standards and codes. 1.2 Follow requirements in workplace safety and environmental documentation and workplace. 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 equipment and report damage or faults to appropriate person. 1.6 Check conformity of materials against the job requirements.
2. Select stone.	2.1 Select, fit correctly and use personal protective equipment (PPE) appropriate for job.

	2.2 Check stone type, colour, natural inclusions and defects. 2.3 Select stone size and mark measurements to produce final design.
3. Dress stone.	3.1. Mark out stone in a manner appropriate to specified size and at each stage of dressing. 3.2 Dress rough blocks to establish an oversized stone appropriate to job specification. 3.3 Dress sphere and cylindrical surfaces to job specifications. 3.4 Finish, clean and brush stone surfaces using non-corrosive methods.
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 CPCCST3004A Dress stone manually
LINKS	Companion volumes to this training package are available at the VETNet website: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad

TITLE	Assessment requirements for CPCCST3004 Dress stone manually

PERFORMANCE EVIDENCE

To demonstrate competency in this unit, a candidate must meet the performance criteria of this unit by square dressing the face of one 300 mm soft stone and one 300 mm hard stone using manual techniques/processes.

In doing this, the candidate must produce two different finishes selected from the following:

- chisel
- sparrow peck
- convict punch
- rock face
- boasted

KNOWLEDGE EVIDENCE

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

- measuring and marking techniques related to dressing stone
- types of natural and manufactured stone and their characteristics:
    - basalt (blue stone)
    - granite
    - limestone
    - locally available stone
    - porphyry
    - sandstone
    - slate
- processes and techniques for manually dressing stone:
    - axing
    - chiselling
    - drilling
    - hand sawing
    - pitching
    - punching
    - splitting
- terminology relating to dressing stone
- functional and operational features of plant, equipment and hand and power tools
- workplace procedures and workplace safety requirements:
    - job safety and environmental analysis (JSEA)
    - exposure to silica dust
    - hazardous manual tasks
    - exposure to loud noise

• stonemasonry regulations, standards and codes • Mohs scale of mineral hardness • environmental requirements for workplace processes and waste disposal.	
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	Companion volumes to this training package are available at the VETNet website: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad