



Australian Government

Assessment Requirements for CPCCT3010 Set out and cut letters in stone

Release: 2

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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 CPCCST3010A Set out and cut letters in stone.
Updated to meet the Standards for Training Packages 2012.

Performance Evidence

To demonstrate competency in this unit, a candidate must meet the performance criteria of this unit by designing and producing a range of traditional, contemporary and innovative letters and numbers with a minimum height of 60 mm and cut them in stone.

In doing this, the candidate must:

- design, set out and transfer to a template a minimum of five contemporary and five innovative letters and numbers and cut into hard stone
- design, set out and transfer to a different type of template ten architectural letters and numbers and cut into soft stone.

Knowledge Evidence

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

- drawing and sketching techniques
- interpreting drawings and specifications
- stone surfaces for lettering:
 - dressing
 - milling or cutting
 - painting surfaces for setting out
 - polishing
 - sandblasting
- traditional, contemporary and architectural font styles used in stonemasonry
- types of materials used for templates and stencils:
 - aluminium sheet
 - cardboard
 - plastic sheet

- plywood
- zinalum sheet
- design transfer:
 - computer aided design (CAD)
 - direct drafting
 - stencils
 - templates
 - tracings
- types of natural and manufactured stone and their characteristics:
 - granite
 - marble
 - slate
 - manufactured stone
- terminology relating to setting out and cutting letters in stone
- adhesives, compounds and abrasive products
- functional and operational features of plant, equipment and hand and power tools
 - battery operated tools
- workplace policies and procedures and work instructions
- workplace safety:
 - job safety and environmental analysis (JSEA)
 - exposure to silica dust
 - hazardous manual tasks
 - exposure to loud noise
- environmental requirements for workplace processes and waste disposal
- digital technology to design, set out and transfer letters and numbers using tools, devices and programs.

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.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>