



Australian Government

Assessment Requirements for CPCCST3023 Apply drawing principles to stonemasonry

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.
New unit.

Performance Evidence

To demonstrate competency in this unit, a candidate must meet the performance criteria of this unit by creating a freehand sketch of a standard heritage boss stone and producing a technical drawing for a 6.0 m long x 1.5 m high stone wall construction.

In doing this, the candidate must:

- apply primary and secondary lines and shade and light in creating the freehand sketch
- apply standard drawing conventions to the technical drawing and include the following:
 - scale, title block
 - plan, section and elevation views
 - dimensions lines to indicate footing size and position of wall on footing, height and length of wall and stone and joint sizes
 - ground line

Knowledge Evidence

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

- principles and application of geometry
- drawing methods:
 - hand sketching
 - using drawing instruments
 - computer aided
- types of technical drawings:
 - orthographic
 - isometric
 - pictorial
- drafting and drawing protocols/conventions:
 - elevations or projections

- sections
- details
- abbreviations
- commonly used symbols
- legends / keys
- lettering standards
- scale
- paper size
- International System of Units (SI)
- stonemasonry and heritage terminology:
 - pediments, volutes, entablatures
 - crockets, finals, boss stones
 - return corners
 - ornamental stone components
- characteristics, applications and limitations of stonemasonry materials
- workplace processes and procedures
- workplace safety
- heritage principles relating to the Burra Charter
- digital technology to operate devices and applications to source information and communicate with others.

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>