



Australian Government

CPC CST3023 Apply drawing principles to stonemasonry

Release: 2

CPCST3023 Apply drawing principles to stonemasonry

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.

Application

This unit specifies the skills and knowledge required to use manual drafting techniques to produce stonemasonry sketches and drawings from standards, specifications and project briefs. It includes freehand sketching to depict and communicate ideas and information using technical drawing techniques.

This unit applies to stonemasonry workers who use drawings to transfer information to assist in off-site production, onsite set out, cutting and shaping and installation of elaborate masonry elements.

It is suitable for people operating with some autonomy. A person working at this level would be expected to take responsibility for organising and completing stonemasonry drawing tasks assigned to them without needing close supervision.

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

Nil

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.

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| 1 Prepare for drawing. | 1.1 | Identify project objectives and design from plans, specifications, standards and codes. |
| | 1.2 | Establish stonemasonry component shape, dimensions and key features. |
| | 1.3 | Determine appropriate drawing medium to suit job requirements. |
| | 1.4 | Select drawing equipment, instruments and materials to produce appropriate drawing. |
| 2 Draft initial drawing. | 2.1 | Hand sketch an isometric prototype to assist with designing the drawing. |
| | 2.2 | Apply notations to sketch. |
| | 2.3 | Check sketch against project objectives and specifications. |
| | 2.4 | Identify, rectify and clarify any non-conformities with appropriate person. |
| 3 Create a technical drawing using hand drawing techniques. | 3.1 | Select paper size according to project objectives. |
| | 3.2 | Set out the title block and location of plan, section, elevation and detail views. |
| | 3.3 | Produce a scaled orthographic drawing including measurements, symbols and abbreviations. |
| | 3.4 | Develop basic specifications from compiled information and drawings. |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

No equivalent unit

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>