



Australian Government

Assessment Requirements for MSFFM3030 Produce manual and computer-aided production drawings

Release: 1

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Modification History

Release 1. Changes to code, application, elements, performance criteria, assessment requirements. Foundation skills added. Range of conditions removed. Assessment requirements changed.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- prepare production drawings of 3 furniture or furnishings products or components, collectively including:
 - both manual and computer-aided methods
 - orthographic projection
 - section view.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- orthographic views
- section views
- isometric projection
- 2-D and 3-D shapes
- drawing conventions according to Australian Standard AS1100
 - centre lines
 - visible lines
 - hidden lines
 - dimension lines
 - hatching
 - breaks
 - end sections
 - symbols for indicating construction materials
 - title block
- appropriate drawing scales for different purposes
- the use of drawings in cutting lists
- how CAD is used by industry, including the links between CAD and CNC production machinery
- CAD software and file types commonly used in furniture and furnishings industry

- CAD drawing and editing commands
- creating and using layers in CAD
- CAD file management.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - production documentation on which to base drawings
 - computer and CAD software
 - hand drawing tools and materials required for performance evidence.

Links

Companion Volume implementation guides are found in VETNet – -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>