



Australian Government

**Assessment Requirements for MSFFM3027
Produce angled and curved components
using solid timber**

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:

- produce at least 4 curved components using solid timber, collectively including:
 - one kerfing method
 - one machine curved method
 - one laminated curve method
- produce at least 2 angled components using solid timber, collectively including:
 - one bevel join
 - one flat panel angled component.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- workplace procedures for:
 - work health and safety
 - quality assurance
 - reporting of machinery faults and material defects
- workflow for the construction process
- how to:
 - interpret design documentation
 - prepare drawings and set-outs
- techniques for producing curved and angled components using solid timber, including machine and laminated curve methods and bevel joins
- techniques for skinning a curved sub-frame
- techniques for producing flat panel angled components
- types and characteristics of timbers used for angled and curved components
- tools and machinery used to create angled and curved timber components, including those used for bending and forming
- personal protective equipment (PPE) required when creating angle and curved components using solid timber

- types and characteristics of adhesives used in cabinetry and furniture construction.
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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:
 - design documentation
 - unprocessed materials for construction
 - tools, equipment and machinery required for performance evidence
 - PPE
 - workplace procedures.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet – -

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