



Australian Government

**Assessment Requirements for
MSFFDM5001 Construct custom furniture
using advanced techniques**

Release: 1

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Modification History

Release 1. Unit code and Application changed. Elements and Performance Criteria changed to active voice and reviewed. Range of Conditions removed and relevant content moved to Assessment Requirements. Assessment Requirements changed to remove duplication with Performance Criteria. Supersedes and is equivalent to MSFFDT5004 Construct custom furniture using advanced techniques.

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:

- complete all aspects of the construction and finishing of two furniture items requiring advanced construction techniques and satisfying high-quality custom-made furniture standards and expectations in terms of innovation, complexity, tolerance and fit of components and quality.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- types of tools and equipment used in construction and procedures for their safe use, operation and maintenance
- workflow techniques appropriate for the management of the construction work/project
- presentation and interpretation of plan representation of a furniture design
- techniques for timber bending, forming and shaping including:
 - steam/heat bending
 - curfing
 - pressure bending
 - shaping by hand or static machine
- techniques for the preparation of drawings or set-outs or rods and geometrical concepts
- types, characteristics, uses and limitations of materials
- techniques for the manufacture and application of veneers
- techniques for assembly, fixing and finishing of custom furniture components
- types, characteristics, uses, limitations and safety requirements of adhesives, fasteners and hardware used in custom furniture assembly
- matching requirements of adhesives and fasteners to timbers/materials used
- finishing techniques
- characteristics, properties and selection criteria of finishing materials
- finishing characteristics and properties of timber being used

- applicable work health and safety, legislative and workplace requirements relevant to constructing custom furniture are verified and complied with.

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.

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>