



Australian Government

MSFFP2011 Use timber furnishing construction techniques

Release: 1

MSFFP2011 Use timber furnishing construction techniques

Modification History

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

Application

This unit describes the skills and knowledge required to follow basic processes for the construction and assembly of a timber product. It includes the use of a limited range of tools, equipment and construction techniques. Learners with this competency have basic skills to support further study or entry-level work in furnishing and furniture making industries. This unit is usually delivered within a pre-employment training program.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Competency Field

Furniture making pathways

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1 Identify construction and assembly requirements	1.1 Review drawings and identify tools and equipment required to create item 1.2 Estimate quantities of materials required based on drawings 1.3 Identify key steps in construction and assembly process for individual components and complete item 1.4 Identify quality standards to be achieved 1.5 Identify and follow work health and safety requirements
2 Follow construction and assembly processes	2.1 Confirm that tools and equipment are safe for use prior to starting work 2.2 Operate tools and equipment in accordance with safety requirements and manufacturer specifications 2.3 Lay out and accurately mark and cut materials to meet item specifications

Elements	Performance Criteria
	2.4 Join materials in accordance with specifications 2.5 Assemble components using jigs or clamps and fastenings based on item requirements 2.6 Apply adhesives in accordance with workplace procedures and manufacturer instructions 2.7 Confirm item meets quality standards and seek guidance from supervisor to address any deficiencies
3 Clean work area	3.1 Clean and store tools in accordance with procedures 3.2 Safely dispose of waste in accordance with procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Reading skills to interpret scale drawings and follow basic safety procedures
- Oral communication skills to seek feedback and guidance from supervisor
- Numeracy skills to take accurate measurements, calculate area and estimate material requirements.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

Release 1. Supersedes and is not equivalent to MSFFM1001 Construct a basic timber furnishing product and MSFFM1002 Operate basic woodworking machines.

Links

Companion Volume implementation guides are found in VETNet – -

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

Assessment Requirements for MSFFP2011 Use timber furnishing construction techniques

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 all the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- safely use basic construction and assembly techniques to create a complete timber furnishing item to required quality standard with work processes to include at least:
 - 5 different hand-held tools
 - 1 static machine
 - 2 timber joints
 - 1 adhesive type
 - 1 jig or fastening device.
 -

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- for timber furnishing items:
 - how to interpret scale drawings
 - workflow process for construction and assembly
 - safety requirements, including personal protective equipment (PPE)
 - tools, equipment and machinery typically used
 - materials typically required
 - types of quality checks.
 -

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:
 - scale drawings
 - tools, equipment and materials required for performance evidence

- PPE
- procedures for work health and safety.

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>