



Australian Government

MSFFM2019 Assemble furnishing products

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.

Application

This unit describes the skills and knowledge required to use basic construction skills to assemble furnishing products. Products may be fitted or freestanding pieces of furniture or components made of timber, manufactured board or other material.

Workers with this competency complete routine tasks in industries such as cabinet and furniture making.

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

Wood machining

Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1 Prepare for assembly	1.1 Determine task requirements from work documentation 1.2 Plan assembly sequence and identify procedures for checking quality at each stage 1.3 Identify and follow work health and safety procedures 1.4 Select suitable work area for task 1.5 Select tools and equipment and check that they are safe and functional 1.6 Select components, joining devices, hardware and fittings in accordance with specifications
2 Assemble items	2.1 Lay out and join components using jigs and appropriate fastenings 2.2 Use tools, equipment and machinery safely and in accordance with manufacturer specifications 2.3 Attach hardware and fittings in accordance with specifications

	2.4 Check product quality against specifications at each stage of assembly 2.5 Identify components which do not meet quality requirements and rectify deficiencies or process in accordance with workplace procedures 2.6 Process finished products in accordance with workplace procedures
3 Clean work area and maintain equipment	3.1 Clean work area, safely dispose of rubbish and identify items for recycling in accordance with workplace procedures and environmental standards 3.2 Clean tools and equipment, complete routine maintenance and leave in a safe mode in accordance with workplace procedures 3.3 Identify, tag and report faulty equipment in accordance with workplace procedures 3.4 Complete job documentation in accordance with workplace 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 familiar workplace procedures and work documentation
- Writing skills to communicate information in familiar workplace documents
- Numeracy skills to measure and estimate material requirements and interpret numerical data in production plans.

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 MSFFM2002 Assemble furnishing components and MSFFM2007 Follow plans to assemble production furniture.

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 MSFFM2019 Assemble furnishing products

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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:

- assemble at least 2 cabinets (freestanding or fitted) or 1 cabinet and 1 full piece of furniture. Collectively, these must include at least 3 of the following:
 - door
 - drawer
 - frame
 - shelf
- attach at least 3 types of hardware, including at least 2 of the following:
 - hinges
 - handles
 - drawer-runners
 - metal drawer systems
 - sliding rail systems.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- workplace procedures for:
 - work health and safety
 - quality assurance:
 - squareness, alignment and wind
 - hardware, fittings and attachments
 - functionality and tolerances
 - conformity to specifications
 - reporting of machinery faults and material defects
- how to interpret production drawings
- components of common furnishing products, including:
 - cabinets
 - tables

- doors
- drawers
- frames
- shelves
- how characteristics of timber and manufactured board affect the assembly process
- tools, materials and equipment, including personal protective equipment (PPE), commonly used to assemble furniture and cabinets
- types and characteristics of hardware used in furniture and cabinets
- storage considerations for assembled items:
 - avoidance of damage
 - compatibility of items for storage
 - environmental conditions.

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:
 - furniture products or component parts for assembly
 - tools, equipment and materials required for performance evidence
 - PPE
 - workplace procedures.

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

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