



**Australian Government**

# **MSFFM2002 Assemble furnishing components**

**Release: 1**

# MSFFM2002 Assemble furnishing components

## Modification History

Release 1 - New unit of competency

## Application

This unit of competency covers assembling of timber components to produce furniture frames or furniture.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

## Pre-requisite Unit

## Competency Field

## Unit Sector

Furniture Making

## 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 | Work instructions are used to determine job requirements, including design, tolerances, process, materials, finish and quantity |
|   |                      | 1.2 | Assembly sequence is planned  |
|   |                      | 1.3 | Procedures are determined for checking quality at each stage of the process   |
|   |                      | 1.4 | Work health and safety (WHS) requirements, including personal protection needs, are observed throughout the work                |
|   |                      | 1.5 | Suitable work area is selected for the task   |
|   |                      | 1.6 | Tools and equipment suitable to the fixing method are selected and checked for safe operation                                   |
|   |                      | 1.7 | Components, hardware, fittings and attachments are  |

- collected
- 1.8 Fixing and joining devices are selected in line with work instructions and type of materials to be joined
  - 1.9 Jigs are selected and checked for suitability of purpose
- 2 Assemble components
- 2.1 Components are laid out and joined using jigs and appropriate fastenings
  - 2.2 Hand and/or power tools and equipment are used as required
  - 2.3 Components are prepared, assembled and fitted in accordance with specifications
  - 2.4 Assembled component is checked for compliance with specifications
  - 2.5 Components which do not meet quality specifications are repaired or tagged for further processing or recycling/disposal
  - 2.6 Finished products are organised and stored in holding area
- 3 Clean work area and maintain equipment
- 3.1 Faulty and/or defective equipment is tagged and reported in accordance with workplace procedures
  - 3.2 Waste and scrap are removed following workplace procedures
  - 3.3 Tools and equipment used are cleaned, inspected for serviceable condition and stored appropriately in accordance with workplace procedures
  - 3.4 Equipment and work area clean-up is maintained in accordance with workplace procedures

## Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. Detail on appropriate performance levels for each furnishing unit of competency in reading, writing, oral communication and numeracy utilising the Australian Core Skills Framework (ACSF) are provided in the Furnishing Training Package Implementation Guide.

## Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Range is restricted to essential operating conditions and any other variables essential to the work environment.

### **Furnishing components include:**

- carcasses
- doors
- drawers
- frames
- shelves
- ends
- tops

### **Unit context includes:**

- WHS requirements, including legislation, building codes, material safety management systems, hazardous substances and dangerous goods code and local safe operating procedures
- work is carried out in accordance with legislative obligations, environmental legislation, relevant health regulations, manual handling procedures and organisation insurance requirements
- work requires individuals to demonstrate some discretion, judgement and problem solving in the assembly of furnishing components
- competency may be demonstrated in workplaces involved in the manufacture of solid timber furniture, domestic furniture, commercial furniture, kitchen and bathroom cabinets and/or furniture components

### **Tools and equipment include:**

- measuring tapes or rulers
- hammers
- mallets
- squares
- bevels
- chisels
- planes
- hand saws
- power saws
- power drills/screwdrivers
- clamps/cramps
- screwdrivers and/or spanners
- pincers
- pneumatic tools, compressor and spray equipment

- Materials to be used include:**
- timber
  - manufactured board
  - glues
  - screws
  - nails
  - dowels and knock-down fittings
- Assembled component checking is to cover:**
- squareness, alignment and wind
  - hardware, fittings and attachments
  - functionality and tolerances
  - conformity to work instruction and quality requirements
- Storage requirements include:**
- ensuring that there is no obstruction to traffic
  - components are not damaged in storage
  - incompatible items are not stored together
  - products are arranged to match the sequence of work
- Personal protective equipment includes:**
- that prescribed under legislation, regulations and enterprise policies and practices
- Information and procedures include:**
- workplace procedures relating to the use of tools and equipment
  - work instructions, including job sheets, cutting lists, plans, drawings and designs
  - manufacturer specifications and operational procedures

## Unit Mapping Information

Supersedes and is equivalent to LMFFM2002B Assemble furnishing components.

## Links

Companion Volume implementation guides are found in VETNet -

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