



Australian Government

MSFFM2007 Follow plans to assemble production furniture

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers assembling production furniture using modular construction methods and components to a given plan.

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.

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|---|----------------------|-----|---|
| 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 assembly are selected and checked for safe operation |
| | | 1.7 | Fixing and joining devices are selected in line with work |

- instructions and type of materials to be joined
- 1.8 Components, hardware, fittings and attachments are collected
- 2 Assemble furniture
- 2.1 Components are laid out and joined using appropriate fastenings
- 2.2 Hand and/or power tools are used as required
- 2.3 Assembled furniture is checked for compliance with specifications
- 2.4 Doors, drawers, shelves and/or runners are prepared and fitted in accordance with set-out
- 2.5 Hardware and decorative accessories are applied to specification
- 2.6 Item is prepared for finishing, including the removal of bruises, scratches, dents and marks
- 2.7 Work is checked against required standard and non-conforming items rectified
- 2.8 Finished products are organised and stored in holding area
- 3 Finalise operation and maintain equipment
- 3.1 Work area is cleaned, hand and/or power tools and equipment are cleaned, maintained and stored in accordance with workplace procedures
- 3.2 Machinery is cleaned and left in a safe mode
- 3.3 Faulty and/or defective equipment is tagged and reported in accordance with workplace practices
- 3.4 Off-cuts and unused materials are collected and stored for re-use or disposal following workplace procedures
- 3.5 Waste and scrap materials are dealt with following 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.

Production furniture includes:

- wall units
- vanity units
- kitchen cabinets
- sideboards/buffets
- drawer units
- display cabinets
- counters
- tables
- beds
- clocks

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 furniture
- 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 • pneumatic tools, compressor and spray equipment • clamps • screwdrivers • pincers
Materials include:	• timber • manufactured board • glass • alloys • adhesives • screws • nails • dowels • knock-down fittings • metal fasteners and associated hardware
Assembled furniture checking process is to cover:	• squareness, alignment and wind • hardware, fittings and attachments • functionality and tolerances • conformity to work instruction and quality requirements
Storage of assembled furniture must ensure that:	• there is no obstruction to traffic • products 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 • workplace procedures relating to reporting and communication • manufacturer specifications and operational procedures

Unit Mapping Information

Supersedes and is equivalent to LMFFM2007B 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>