



Australian Government

MSFMB2001 Prepare and assemble base unit

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers assembling components to construct bases for mattresses, including timber platforms, webbing, coil springs, grid wires, foam and padding.

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

Pre-requisite Unit

Competency Field

Unit Sector

Mattress and Base 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 base assembly | 1.1 Specifications are used to determine job requirements, including design, tolerances, process, materials, finish and quantity |
| | 1.2 Assembly sequence is planned |
| | 1.3 Work health and safety (WHS) requirements, including personal protection needs, are observed throughout the work |
| | 1.4 Procedures are determined for checking quality at each stage of the process |
| | 1.5 Fixing devices are selected in line with work instructions and type of materials to be joined |
| | 1.6 Components, hardware, fittings and attachments are collected |

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| | 1.7 | Tools and equipment suitable to the fixing method are selected and checked for safe operation |
| | 1.8 | Appropriate jigs are selected |
| 2 | Assemble base components | 2.1 Components are laid out and assembled using jigs and appropriate fastenings |
| | 2.2 | Hand and/or power tools, equipment are used as required |
| | 2.3 | Assembled base is checked for compliance with specifications |
| | 2.4 | Spring grid/unit is attached to base |
| | 2.5 | Fabric is upholstered to base according to specifications |
| | 2.6 | Base is finished to eliminate all excess materials |
| | 2.7 | Bases which do not meet quality specifications are repaired or tagged for further processing or recycling/disposal |
| 3 | Identify quality requirements | 3.1 Process is monitored and conditions which may affect quality standards are noted |
| | 3.2 | Variations to normal activities are reported in accordance with workplace procedures |
| | 3.3 | Authorised changes in standard operating procedures and work order or instructions are implemented |
| | 3.4 | Workplace required documentation is completed and stored following appropriate procedures |
| 4 | Clean work area/s and maintain equipment | 4.1 Faulty and/or defective equipment is tagged and reported in accordance with WHS procedures |
| | 4.2 | Waste and scrap is removed following workplace procedures |
| | 4.3 | Tools and equipment used are cleaned, inspected for serviceable condition and stored appropriately in accordance with workplace procedures |
| | 4.4 | 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.

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| Unit context includes: | <ul style="list-style-type: none">• WHS requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes, and local safe operating procedures or equivalent• 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 |
| Tools and equipment include: | <ul style="list-style-type: none">• measuring tapes or rules• scissors• staple gun• pincers• long-nose pliers• hammers• mallets• squares• bevels• chisels• plane• hand saws• power saws• power drills/screwdrivers• clamps and screwdrivers |
| Materials include: | <ul style="list-style-type: none">• timber• manufactured board• fabrics• grid wires |

	• glues • screws • nails • dowels • coil springs • foam • padding • stabilising springs • border wire
Assembled base specification checks include:	• alignment and squareness • correct number and fitting of fasteners • hardware • fittings and attachments and conformity to work instruction and quality requirements
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 LMFMB2002B Prepare and assemble base unit.

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 MSFMB2001 Prepare and assemble base unit

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Performance Evidence

- Interpret work order and locate and apply relevant information
- Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment
- Identify materials used in the work process
- Follow work instructions, operating procedures and inspection processes to:
 - minimise the risk of injury to self or others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Assemble base components to construct at least one (1) sprung base unit
- Use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate material requirements
- Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of work outcomes and problems, interpret basic plans and follow safety procedures
- Avoid backtracking, work flow interruptions or wastage
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity

Knowledge Evidence

- Interpretation of plan representation of base design
- Identification of hand and/or power tools, materials, equipment, processes and procedures
- Work flow in relation to base production

Assessment Conditions

- Assessors must:
 - hold training and assessment competencies as determined by the National Skills Standards Council (NSSC) or its successors
 - have vocational competency in the furnishing industry at least to the level being assessed with broad industry knowledge and experience, usually combined with a relevant industry qualification
 - be familiar with the current skills and knowledge used and have relevant, current experience in the furnishing industry.

- Assessment methods must confirm consistency of performance over time rather than a single assessment event and in a range of workplace relevant contexts.
- Assessment must be by observation of relevant tasks with questioning on underpinning knowledge and, where applicable, multimedia evidence, supervisor's reports, projects and work samples.
- Assessment is to be conducted on single units of competency or in conjunction with other related units of competency. Foundation skills are integral to competent performance in the unit and should not be assessed separately.
- Assessment must occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.
- Access is required to plans, hand and/or power tools, equipment, jigs and appropriate machinery.

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