



Australian Government

Department of Education, Employment and Workplace Relations

LMFMB2002B Prepare and assemble base unit

Revision Number: 1

LMFMB2002B Prepare and assemble base unit

Modification History

Not applicable.

Unit Descriptor

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

Application of the unit	
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Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite units	Nil	

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

<p>Elements describe the essential outcomes of a unit of competency.</p>	<p>Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.</p>
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
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. Workplace health and safety 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 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 within 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	4.1. Faulty and/or defective equipment is tagged and reported in accordance with workplace OH&S

ELEMENT	PERFORMANCE CRITERIA
equipment	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

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- collect, organise and understand information related to work orders, basic plans, and safety procedures
- communicate ideas and information to enable confirmation of work requirements and specifications, coordination of work with site supervisor, other workers and customers, and the reporting of work outcomes and problems
- plan and organise activities, including the preparation and layout of the worksite and the obtaining of equipment and materials to avoid any back tracking, workflow interruptions or wastage
- work with others and in a team by recognising dependencies and using cooperative approaches to optimise workflow and productivity
- use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate other material requirements
- use pre-checking and inspection techniques to anticipate assembly problems, avoid re-working and avoid wastage
- use the limited workplace technology related to the assembly, including tools, equipment, materials and measuring devices

Required knowledge

- the interpretation of plan representation of base design
- identification of hand and/or power tools, materials, equipment, processes and procedures
- workflow in relation to base production

Evidence Guide

EVIDENCE GUIDE

The Evidence Guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Critical aspects of evidence

- Interpret work order and locate relevant information
- Apply safe handling requirements for equipment and products and materials, including use of personal protective equipment
- Follow work instructions, operating procedures and inspection practices to:
 - minimise the risk of injury to self and others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Assemble base components to construct at least one sprung base unit
- Work effectively with others
- Modify activities to cater for variations in workplace context and environment

Resource implications

Access to plans, hand and/or power tools, equipment, materials, jigs, appropriate machinery, and a suitable work area.

Method of assessment

Assessment methods must confirm consistency of performance over time and in a range of workplace relevant contexts.

Assessment should be by direct observation of tasks and questioning on underpinning knowledge.

Assessment should be conducted over time and will generally be in conjunction with assessment of other units of competency.

Context of assessment

Assessment may occur on the job or in a workplace simulated facility with relevant process equipment, materials, work instructions and deadlines.

Range Statement

RANGE STATEMENT	
<p>The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.</p>	
Unit scope	<p>This unit covers the assembly of components for the construction of bases for mattresses. It includes the use of timber platforms, stabilising spring, coil springs, grid wires, foam, padding and border wire</p>
Unit context	<ul style="list-style-type: none"> • Work is carried out in accordance with statutory requirements, organisation insurance requirements, OHS legislation, environmental legislation, workplace procedures and relevant health regulations • Work requires individuals to demonstrate some discretion, judgement and problem solving skills in the assembly of bases for mattresses • Competency may be demonstrated in workplaces involved in the manufacture of mattresses, bases and furniture components
Personal protective equipment	<ul style="list-style-type: none"> • Personal protective equipment is to include that prescribed under legislation, regulations and enterprise policies and practices
Tools and equipment may include, but are not limited to:	<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

RANGE STATEMENT	
	<ul style="list-style-type: none"> • clamps and screwdrivers
Materials to be used may include, but are not limited to:	<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 are to include:	<ul style="list-style-type: none"> • alignment and squareness • correct number and fitting of fasteners • hardware • fittings and attachments and conformity to work instruction and quality requirements
Information and procedures	<ul style="list-style-type: none"> • 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 Sector(s)

Unit sector	Mattress and Base Making
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Competency field

Competency field	
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Co-requisite units

Co-requisite units		