



Australian Government

Department of Education, Employment and Workplace Relations

LMFMB1001B Complete a basic mattress and base product

Revision Number: 1

LMFMB1001B Complete a basic mattress and base product

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit covers the competency to construct, assemble and finish a basic mattress and base product.
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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 work	1.1. Work instructions are used to determine job requirements, including design variations, tolerances, process, materials, finish and quantity 1.2. Fabrication and assembly sequence is planned 1.3. Procedures are determined for checking quality at each stage of the process 1.4. Workplace health and safety requirements, including personal protection needs, are observed throughout the work 1.5. Suitable work area is selected for the task 1.6. Preparatory drawings/set-outs for tasks are confirmed 1.7. Materials are selected following work instructions 1.8. Tools and equipment suitable for fabrication are identified and checked for safe and effective operation
2. Complete fabrication	2.1. Material is prepared and set out according to work instructions and components are marked according to workplace procedures 2.2. Tools, machines and equipment are used in accordance with safety requirements and manufacturer specifications 2.3. Components are prepared and checked against set-out and job requirements 2.4. Components are fabricated using fastenings and adhesives 2.5. Assembly process is undertaken according to workplace procedures 2.6. Fabricated product is checked for compliance with specifications 2.7. Item is finished in accordance with work instructions
3. Finalise operation and maintain equipment	3.1. Work area is cleaned and hand and/or power tools and equipment are cleaned, maintained and stored in accordance with workplace procedures 3.2. Off-cuts and unused materials are collected and stored for reuse or disposed following workplace procedures 3.3. Waste and scrap materials are dealt with following 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 with site supervisor, other workers 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 material requirements
- use pre-checking and inspection techniques to anticipate fabrication problems, avoid re-working and wastage
- use the limited workplace technology related to this fabrication, including tools, equipment, materials and measuring devices

Required knowledge

- the interpretation of production plans and drawings
- workflow in relation to mattress and base fabrication
- identification of hand and/or power tools, materials, equipment, processes and procedures

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 instructions and locate and apply relevant information
- Apply safe handling requirements for equipment, 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
 - achieve required product quality
- Fabricate and finish at least one basic mattress and base product which requires the use of:
 - quilted fabric
 - mattress-making hand tools and equipment
 - springs or a spring unit
 - sewing machines
- Work effectively with others

Resource implications

Access to plans, tools, equipment, materials, a work area and a specified project.

Method of assessment

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

Assessment may be conducted 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 equipment, materials, work instructions and deadlines.

Range Statement

RANGE STATEMENT

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 context</p>	<ul style="list-style-type: none"> • OHS requirements include legislation, building codes, material safety management systems, hazardous substances, dangerous goods codes and 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 involves reading and interpreting plans, using hand and power tools, operating basic machinery, applying quality requirements and applying product finishing techniques and materials • Work is conducted under supervision and guidance
<p>Basic mattress product may include:</p>	<ul style="list-style-type: none"> • mini (dog) mattress • mattress cover • foot stool (inner spring) • headboard • mini (seat) mattress <p>Project is to be determined in consultation with supervisor/teacher.</p>
<p>Tools and equipment may include, but are not limited to:</p>	<ul style="list-style-type: none"> • measuring tapes or rules • cordless drills/screwdrivers • scissors • thread • needles • fabric cutter • foam cutter • staple lifters • hog ring pliers • files and rasps

RANGE STATEMENT	
	<ul style="list-style-type: none"> trimming knife
Machines may include, but are not limited to:	<ul style="list-style-type: none"> sewing machines
Materials to be used may include but are not limited to:	<ul style="list-style-type: none"> quilted fabric spring units foam springs timber manufactured board border wire hog rings thread needled felt stabilising springs
Personal protective equipment	Personal protective equipment is to include that prescribed under legislation, regulations and enterprise policies and practices
Information and procedures	<ul style="list-style-type: none"> Workplace procedures relating to the use of tools and equipment Work instructions, including job sheets, 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		