



Australian Government

Department of Education, Employment and Workplace Relations

LMFMB2004B Cut mattress and base fabrics

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit covers the competency to lay out patterns and cut fabrics ready for construction of mattresses and bases.
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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

Elements describe the essential outcomes of a unit of competency.	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.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Plan work operations	1.1. Specification sizes are read and interpreted to identify required fabrics, number of items to be cut and required equipment 1.2. Cutting requirements or other instructions are noted and required guides on the cutting table are identified 1.3. Workplace health and safety requirements, including personal protection needs, are observed throughout the work 1.4. Suitable work area is selected, tidied and cleaned of any contaminants 1.5. Appropriate equipment and tools are selected for the fabrics and type of materials 1.6. Scissors and any other cutting equipment appropriate for the fabric are selected and checked prior to use for sharpness, set operation and safe condition
2. Prepare materials for cutting	2.1. Fabrics are selected to suit application, inspected for flaws and appropriate finish 2.2. Naps, direction of pattern, pattern repeat and finished side of the materials are identified 2.3. Fabrics are laid out smooth and square ready for cutting 2.4. Patterns are laid out following work procedures and instructions using location marks on the pattern and other instructions to match specifications 2.5. Measurements are made and appropriate adjustments are made 2.6. Tools and equipment are checked for operation
3. Complete cutting operations	3.1. Required cutting operations are completed to cut out materials following work instructions 3.2. Cut fabrics are folded, protected and despatched to next process following workplace procedures 3.3. Unused materials are stored as required 3.4. Workplace required documentation is completed and stored following appropriate procedures 3.5. Work area is cleaned and damaged tools tagged as required 3.6. Waste is collected and bundled for recycling/reuse as required 3.7. Tools and equipment are cleaned, maintained and returned to storage area

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, 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 material requirements
- use pre-checking and inspection techniques to anticipate cutting problems, avoid re-working and wastage
- use workplace technology related to the layout out of pattern and cutting fabrics, including tools, equipment, materials and measuring devices

Required knowledge

- fabric types, common faults and inspection procedures
- design features of finished mattress and/or base items related to laying out patterns and cutting fabrics
- work requirements, including workplace standards
- risks to health from repetitive actions and prevention strategies

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 and apply relevant information
- Apply safe handling practices for equipment, products and materials
- 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
- Identify materials used and any special cutting requirements
- Measure accurately and cut fabrics to required size and accuracy covering at least three different fabric types or pattern styles
- Work effectively with others
- Modify activities to cater for variations in workplace contexts and environment

Resource implications

Appropriate fabric cutters, scissors and tools, fabrics, work order, workplace information, including work procedures and equipment instructions.

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

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.

Unit scope	• This unit covers work involving cutting single or multi layer fabrics by hand or automatic method according to specifications and pattern • This unit applies to fabrics and where matching involves naps, direction of pattern and pattern repeats
Unit context	• OHS requirements may include legislation, building codes, material safety management systems, hazardous and dangerous goods codes and safe operating procedures or equivalent • Work is carried out in accordance with statutory requirements, organisation insurance requirements, environmental legislation, manual handling procedures and relevant health regulations • Work requires individuals to demonstrate discretion, judgement and problem solving skills in the cutting of material. This may be demonstrated either individually or in a team environment
Tools and equipment may include, but are not limited to:	• scissors • cutting blades • fabric cutter
Materials to be cut may include but are not limited to:	• plain and patterned fabric
Personal protective equipment	Personal protective equipment is to include that prescribed under legislation, regulation and enterprise policies and practices
Information and procedures	• Workplace procedures relating to the setting and operation of machinery • Work instructions, including job sheets, patterns, drawings and designs • Workplace procedures relating to reporting

RANGE STATEMENT

	and communication
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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		