



Australian Government

Department of Education, Employment and Workplace Relations

LMFMB2001B Use mattress and base sector hand and power tools

Revision Number: 1

LMFMB2001B Use mattress and base sector hand and power tools

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit covers the competency to use hand and power tools in applications relating to the mattress and base sector of the furnishing industry.
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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. Identify hand and power tools	1.1.Types of hand and power tools and their functions identified 1.2.Workplace health and safety requirements, including personal protection needs, are observed throughout the work 1.3.Sources of power supply recognised
2. Select hand tools	2.1.Hand tools selected are consistent with needs of the job 2.2.Selected hand tools are checked for serviceability and safety and any faults reported to supervisor 2.3.Equipment is selected to hold or support material for hand tools application where applicable
3. Use hand tools	3.1.Material is located and held in position for hand tool application 3.2.Hand tools are safely and effectively used according to their intended use 3.3.Hand tools are safely located when not in immediate use
4. Select power tools	4.1.Power tools are selected consistent with needs of the job in accordance with conventional work practice 4.2.Power tools are visually checked for serviceability/safety in accordance with OHS requirements and any faults reported to supervisor
5. Use power tools	5.1.Material is located and held in position for power tool application as applicable 5.2.Power tools are safely and effectively used in application processes 5.3.Power tools are safely located when not in use
6. Clean up work area and tools	6.1.Tools are cleaned, maintained and stored 6.2.Equipment is cleaned, maintained and stored 6.3.Work area is cleared and waste removed

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 hand and power tools, work orders, maintenance systems 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 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 and estimate other material requirements
- use pre-checking and inspection techniques to anticipate problems, avoid re-working and wastage
- use workplace technology related to the operation and maintenance of hand and power tools

Required knowledge

- types, characteristics, uses, limitations and maintenance requirements of hand tools commonly used in mattress and base production
- types, characteristics, uses, limitations and maintenance requirements of power tools commonly used in mattress and base production
- workplace safety requirements and OHS legislation
- workflow procedures within the workplace

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

- Locate and apply relevant information related to hand and power tools
- 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
 - maintain required production output and product quality
- Adopt and carry out correct procedures prior to and during use of hand and power tools
- Work effectively with others
- Modify activities to cater for variations in workplace contexts and environment

Resource Implications

Mattress and base sector hand and power tools, materials used in the manufacturing and installation of furnishing products.

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 should 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 context

- 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 requires individuals to demonstrate skill, accuracy and dexterity in the application of tools to work tasks

Hand tools for mattress and base making are to include:

- scissors
- screwdrivers
- measuring and marking equipment
- staple lifters
- pliers
- files and rasps
- trimming knives
- needles

Hand tools for mattress and base making may also include:

- hand saws
- hammers
- allen keys
- spring benders

Power tools for mattress and base making are to include:

- staple gun
- fabric cutter
- foam cutter
- lightening cutter
- panel cutter
- clip guns
- glue guns
- hog ring gun
- long tom

RANGE STATEMENT	
	<ul style="list-style-type: none"> • sewing machines
Power tools for mattress and base may also include:	<ul style="list-style-type: none"> • nail guns • drill • jig saw • circular saw
Fault reporting	Reporting of faults in the operation of hand and power tools may be verbal or written to the appropriate person
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, 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	

Co-requisite units		