



Australian Government

Department of Education, Employment and Workplace Relations

LMFFF2001B Use furniture finishing sector hand and power tools

Revision Number: 1

LMFFF2001B Use furniture finishing sector hand and power tools

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit covers the competency to use hand and power tools, and basic static machines, in applications relating to the furniture finishing 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 and basic static machines	1.1.Types of hand and power tools and basic static machines and their functions are identified 1.2.OHS 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 tool 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/basic static machines	4.1.Power tools/basic static machines are selected consistent with needs of the job in accordance with conventional work practice 4.2.Power tools/basic static machines are visually checked for serviceability/safety in accordance with OHS requirements and any faults reported to supervisor 4.3.Equipment is selected to hold or support materials for application as applicable
5. Use power tools/basic static machines	5.1.Material is located and held in position for power tool and/or machining applications as applicable 5.2.Power tools/basic static machines 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.All 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/basic static machines, 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
- use mathematical ideas and techniques to correctly complete measurements and estimate 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/basic static machines
- work with others and in a team by recognising dependencies and using cooperative approaches

Required knowledge

- types, characteristics, uses, limitations and maintenance requirements of hand tools commonly used in furniture finishing operations
- types, characteristics, uses, limitations and maintenance requirements of power tools and basic static machines commonly used in furniture finishing operations
- OHS requirements and legislation
- workflow within the workplace

Evidence Guide

EVIDENCE GUIDE	
<p>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.</p>	
<p>Critical Aspects of Evidence</p>	<ul style="list-style-type: none"> • Locate and apply relevant information related to sector hand and power tools/basic static machines • Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment • Follow work instructions, operating procedures and inspection practices to: <ul style="list-style-type: none"> • minimise the risk of injury to self or others • prevent damage to goods, tools, equipment or products • maintain required production output and product quality • Adopt and carry out correct procedures prior to and during use of hand, power tools and basic static machines as listed in the Range Statement • Work effectively with others • Modify activities to cater for variations in workplace contexts and environment
<p>Resource Implications</p>	<p>Furniture polishing sector hand and power tools/basic static machines and materials used in the finishing of furniture.</p>
<p>Method of Assessment</p>	<p>Assessment methods must confirm consistency of performance over time and in a range of workplace relevant contexts.</p> <p>Assessment should be by direct observation of tasks and questioning on underpinning knowledge.</p> <p>Assessment should be conducted over time and should be in conjunction with assessment of other units of competency.</p>
<p>Context of Assessment</p>	<p>Assessment may occur on the job or in a workplace simulated facility with relevant process equipment, materials, work instructions and deadlines.</p>

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 and dangerous goods code and local 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 furniture polishing are to include:

- cabinet scraper
- chisel
- hammer
- nail punch
- cork sanding block
- putty knife
- paint scraper
- paint brush
- blender
- mop brush
- swooge
- pencil brush
- file
- oil stone

Hand tools for furniture polishing may also include:

- polish rubbers
- clamps
- screwdrivers
- rubber mallet
- spokeshave
- pliers
- pincers

RANGE STATEMENT	
	<ul style="list-style-type: none"> spanners
Power tools for furniture polishing are to include:	<ul style="list-style-type: none"> orbital sander steam iron spray gun compressor
Fixed/static machinery for furniture polishing are to include:	<ul style="list-style-type: none"> belt/stroke sander compressor
Fault reporting	Reporting of faults in the operation of hand and power tools/basic static machines may be verbal or written
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	Furniture Finishing
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Competency field

Competency field	
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Co-requisite units

Co-requisite units		