



Australian Government

MSFUP2001 Use upholstery sector hand and power tools

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers using hand and power tools in applications relating to the upholstery sector of the furnishing industry.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Competency Field

Unit Sector

Upholstery

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

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|---|-------------------------------|-----|--|
| 1 | Identify hand and power tools | 1.1 | Types of hand and power tools and their functions are identified |
| | | 1.2 | Work health and safety (WHS) requirements, including personal protection needs, are observed throughout the work |
| | | 1.3 | Sources of, and access to, power supply are recognised |
| 2 | Select and use 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 in accordance with enterprise procedures |
| | | 2.3 | Equipment is selected to hold or support material for hand tools application where applicable |

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| | 2.4 | Material is located and held in position for hand tool application |
| | 2.5 | Hand tools are safely and effectively used according to their intended use |
| | 2.6 | Hand tools are safely located when not in immediate use |
| 3 | Select and use power tools | <p>3.1 Power tools are selected consistent with needs of the job in accordance with conventional work practice</p> <p>3.2 Power tools are visually checked for serviceability/safety in accordance with WHS requirements and any faults reported to supervisor in accordance with enterprise procedures</p> <p>3.3 Equipment is selected to hold or support materials for power tool application as applicable</p> <p>3.4 Material is located and held in position for power tool application as applicable</p> <p>3.5 Power tools are safely and effectively used in application processes</p> <p>3.6 Power tools are switched off and positioned safely when not in use</p> |
| 4 | Clean up work area and tools | <p>4.1 All tools are cleaned, maintained and stored</p> <p>4.2 Equipment is cleaned, maintained and stored</p> <p>4.3 Documentation is completed in accordance with enterprise procedures</p> |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. Detail on appropriate performance levels for each furnishing unit of competency in reading, writing, oral communication and numeracy utilising the Australian Core Skills Framework (ACSF) are provided in the Furnishing Training Package Implementation Guide.

Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential

operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Range is restricted to essential operating conditions and any other variables essential to the work environment.

Unit context includes:

- WHS requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes, and local safe operating procedures or equivalent
- 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 upholstery include:

- shears/scissors
- tape measure
- rulers
- staple remover
- pincers
- side cutters
- pliers
- hammer
- screwdrivers and magnetic tack hammer
- button press and cutters
- knife (retractable blade)
- needles (bag)
- buttoning
- regulator
- drills
- web strainer
- ripping chisel
- web pliers
- bolt cutters
- rotating hole punch
- saws
- hand planes
- files and rasps
- sockets
- adjustable spanners
- vices
- clamps
- wood chisels
- nail punch

	• wire bender • seam stretcher • pipe/tube bender • stud press • pop rivet gun • no-sag spring benders (for shapes and ends) • hand ventilation setter • foam slicer • white rubber mallet • no-sag guillotine • soft tipped mallet • stuffing iron tack remover • cross pane hammer and tin snips
Power and pneumatic tools include:	• spray adhesive system • staple gun • drills and screwdrivers • fabric cutter • nail gun • hot melt glue gun • buttoning machine • circular saw • drop saw • band saw • silicone cartridge gun • drill press • grinder • hot knife • electric iron • lacquer spray gun • knife fabric cutters (circular and straight) • electric/pneumatic foam cutter • planers and sanders
Fault reporting includes:	• verbal or written reporting in conformance with workplace procedures
Personal protective equipment includes:	• that prescribed under legislation, regulations and enterprise policies and practices
Information and procedures include:	• 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 Mapping Information

Supersedes and is equivalent to LMFUP2001B Use upholstery sector hand and power tools.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>

Assessment Requirements for MSFUP2001 Use upholstery sector hand and power tools

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Performance Evidence

- Interpret work order and locate and apply relevant information
- Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment
- Identify materials used in the work process
- Follow work instructions, operating procedures and inspection processes to:
 - minimise the risk of injury to self or others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Identify each of the upholstery sector hand and power tools in the Range of Conditions and indicate their applications and limitations
- Effectively and safely use the tools in their appropriate role in the workplace environment and maintain and safely store them
- Use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate material requirements
- Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of work outcomes and problems, interpret basic plans and follow safety procedures
- Avoid backtracking, work flow interruptions or wastage
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity

Knowledge Evidence

- Types, characteristics, uses, limitations and maintenance requirements of hand tools commonly used in furniture upholstery production
- Types, characteristics, uses, limitations and maintenance requirements of power tools commonly used in furniture upholstery production
- Workplace safety requirements and WHS legislation
- Work flow within the workplace

Assessment Conditions

- Assessors must:
 - hold training and assessment competencies as determined by the National Skills Standards Council (NSSC) or its successors

- have vocational competency in the furnishing industry at least to the level being assessed with broad industry knowledge and experience, usually combined with a relevant industry qualification
- be familiar with the current skills and knowledge used and have relevant, current experience in the furnishing industry.
- Assessment methods must confirm consistency of performance over time rather than a single assessment event and in a range of workplace relevant contexts.
- Assessment must be by observation of relevant tasks with questioning on underpinning knowledge and, where applicable, multimedia evidence, supervisor's reports, projects and work samples.
- Assessment is to be conducted on single units of competency or in conjunction with other related units of competency. Foundation skills are integral to competent performance in the unit and should not be assessed separately.
- Assessment must occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.
- Access is required to furniture upholstery sector hand and power tools and materials.

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