



Australian Government

MSFUP3009 Develop cutting plan and cut multiple layer upholstery fabric

Release: 1

MSFUP3009 Develop cutting plan and cut multiple layer upholstery fabric

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers developing a cutting plan and cutting multiple layer upholstery fabrics by hand or automatic method for upholstered furniture.

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.

- | | |
|--------------------|--|
| 1 Prepare for work | <div style="display: flex; flex-direction: column; gap: 10px;"><div>1.1 Specifications, patterns and/or plans are read and interpreted to identify required fabrics, number and nature of items to be cut and required equipment</div><div>1.2 Work health and safety (WHS) requirements, including personal protection needs, are observed throughout the work</div><div>1.3 Fabrics, work method and sequence are determined</div><div>1.4 Suitable work area is selected, prepared and cleaned of any contaminants</div><div>1.5 Appropriate equipment and tools are selected for the fabrics to be cut and checked for safe operation</div><div>1.6 Fabric is selected and checked in terms of quantity, quality, contaminants, size, pattern and consistency in</div></div> |
|--------------------|--|

			accordance with workplace procedures
		1.7	Scissors and any other cutting equipment are checked prior to use for appropriate sharpness, set operation and safe condition
2	Develop cutting list and cutting plan	2.1	Cutting requirements, including bias or other instructions, are noted
		2.2	Measurements for upholstered items are taken and listed
		2.3	Cutting list is developed using appropriate format, abbreviations and terminology for cut sizes, names and number of pieces in accordance with workplace procedures
		2.4	Cutting plan to ensure fabric is laid correctly to indicate run for each panel, the dimensions for each component part and to minimise fabric waste is developed in accordance with workplace procedures, noting if fabric is railroaded
3	Prepare materials for cutting	3.1	Fabrics are selected in accordance with work order and laid out and inspected for flaws and appropriate finish
		3.2	Nap/pile direction, direction of pattern, pattern repeat and finished side of the materials are identified
		3.3	Fabrics are squared up to the edges or guide markings on the cutting table
		3.4	Patterns are laid out following work procedures and instructions using registration points on the pattern and other instructions to match required fabric pattern
4	Cut material	4.1	Measurements are confirmed and appropriate adjustments to the positioning of fabric are made
		4.2	Tools and equipment are checked for correct operation
		4.3	Required cutting operations are completed to cut out fabrics following work instructions
		4.4	Cut fabric is inspected for quality and unsatisfactory items are processed in accordance with workplace instructions
		4.5	Fabrics are folded, wrapped using appropriate protective covers and care label information attached prior to despatch to next process following workplace procedures

- | | | | |
|---|---------------|-----|--|
| 5 | Complete work | 5.1 | Unused materials are stored, as required |
| | | 5.2 | Workplace required documentation, including stock usage, is completed and processed following procedures |
| | | 5.3 | Work area is cleaned and damaged tools and equipment tagged, as required |
| | | 5.4 | Waste is collected for recycling/re-use as required by workplace procedures |

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: | <ul style="list-style-type: none">• 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 some discretion, judgement and problem solving |
| Tools and equipment include: | <ul style="list-style-type: none">• cutting table• tape measures• scissors• cutting blades• round knife cutter• straight knife• automatic cutting machines and cloth cutting machine |

Materials to be cut include:

- velvet
- vinyl
- plain and patterned fabric

Personal protective equipment includes:

- that prescribed under legislation, regulations and enterprise policies and practices:
 - safety glasses/goggle
 - hair nets
 - ear muffs/plugs
 - gloves
 - footwear and protective clothing

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 LMFUP3009B Develop cutting plan and cut multiple layer upholstery fabric.

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 MSFUP3009 Develop cutting plan and cut multiple layer upholstery fabric

Modification History

Release 1 - New unit of competency

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
- As a minimum, measure, develop cutting plan, lay out and cut out at least five (5) layers of fabric for an item of upholstered furniture
- 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

- Fabric types, common faults and inspection procedures
- Design features of the finished furnishing items in relation to developing the cutting plan, laying out and cutting fabrics
- Work requirements, including workplace standards

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 appropriate scissors and tools, fabrics and a work order.

Links

Companion Volume implementation guides are found in VETNet -

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