



Australian Government

MSFUP2005 Develop cutting plan and cut single layer upholstery fabric

Release: 1

MSFUP2005 Develop cutting plan and cut single layer upholstery fabric

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers developing a cutting plan, measuring out and cutting single layer upholstery fabrics.

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 Develop cutting plan	<table><tr><td>1.1</td><td>Required fabrics, number of items to be cut and required equipment are identified</td></tr><tr><td>1.2</td><td>Fabric sizes to be cut are identified from work order plus any required allowances</td></tr><tr><td>1.3</td><td>Work health and safety (WHS) requirements, including personal protection needs, are observed throughout the work</td></tr><tr><td>1.4</td><td>Suitable work area is selected, prepared and cleaned of any contaminants</td></tr><tr><td>1.5</td><td>Work sequence is planned</td></tr></table>	1.1	Required fabrics, number of items to be cut and required equipment are identified	1.2	Fabric sizes to be cut are identified from work order plus any required allowances	1.3	Work health and safety (WHS) requirements, including personal protection needs, are observed throughout the work	1.4	Suitable work area is selected, prepared and cleaned of any contaminants	1.5	Work sequence is planned
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2 Prepare materials for cutting	<table><tr><td>2.1</td><td>Suitable scissors, cutting machines, knives and/or blades are selected and checked prior to use for appropriate sharpness, set, operation and safe condition</td></tr></table>	2.1	Suitable scissors, cutting machines, knives and/or blades are selected and checked prior to use for appropriate sharpness, set, operation and safe condition								
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| | 2.2 | Fabrics are selected in accordance with work order and laid out smooth and square |
| | 2.3 | Fabrics are inspected for flaws and appropriate finish |
| | 2.4 | Nap/pile direction, pattern matches and face of the materials are identified |
| | 2.5 | Tools and equipment are checked for operation |
| | 2.6 | Fabric is measured and marked, including registration points, in accordance with workplace practices |
| | 2.7 | Cutting plan is developed in accordance with workplace procedures |
| 3 | Cut fabric | |
| | 3.1 | Fabric is cut in accordance with manufacturer instructions and/or workplace procedures |
| | 3.2 | Problems are notified following workplace procedures |
| | 3.3 | Cut item is inspected against work requirement with unsatisfactory items being reprocessed in accordance with workplace procedures |
| 4 | Complete work | |
| | 4.1 | Cutting is completed with cut out materials top edge marked, wrapped, identified/labelled, handled and stored as required by workplace procedures |
| | 4.2 | Workplace required documentation is completed in accordance with workplace procedures |
| | 4.3 | Unused fabric and waste are collected for recycling/re-use in accordance with workplace procedures |
| | 4.4 | Tools and equipment are maintained and work area is cleaned in accordance with 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:	• 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
Upholstery fabrics include:	• plain or patterned fabrics: • velour • velvet • tapestry • damask • linen • cotton
Tools and equipment include:	• cutting equipment, including scissors, cutting machines, knives and/or blades • hot knife (for acrylics) • measuring and calculating equipment, including tapes, rulers and calculators • computers and cutting table
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 LMFUP2005B Develop cutting plan and cut single 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 MSFUP2005 Develop cutting plan and cut single layer upholstery fabric

Modification History

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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
- Develop cutting plan, measure accurately, mark out and cut upholstery fabric quantities, minimising waste and producing consistent quality items for at least five (5) different types of material or products (at least one (1) of which should be patterned)
- 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

- Work requirements, including workplace standards
- Work flow in relation to planning and cutting upholstery fabric
- Fabric types, common faults and inspection procedures
- Design features of the finished items in relation to attractive use of fabric patterns

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 work orders, fabrics, tape measure, cutting table, cutting machines, cutting knives, and blades and scissors.

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