



Australian Government

MSFUP3018 Lay out patterns and cut leather

Release: 1

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Modification History

Release 1. Changes to code, application, elements, performance criteria, assessment requirements. Foundation skills added. Range of conditions removed. Assessment requirements changed.

Application

This unit describes the skills and knowledge required to select leather hides, lay out patterns, and cut leather by hand to the required pattern.

Upholstery and other textile workers with this competency work in accordance with established procedures, using discretion, judgement and problem-solving to identify and resolve potential issues. They recognise dependencies and use cooperative approaches to optimise workflow and productivity.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Competency Field

Upholstery

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare for task	1.1 Determine task requirements from work documentation, including required colour and quality of materials, number of items to be cut, and tools and equipment required 1.2 Identify and follow work health and safety requirements 1.3 Select and prepare suitable work area and clear it of contaminants 1.4 Identify where pattern pieces fit in finished furnishing component and identify areas subject to high wear 1.5 Select scissors or blades to cut leather and check they have appropriate sharpness 1.6 Check that tools and equipment are in functional and safe condition 1.7 Select hide, spread out and inspect to identify flaws and durable and less durable parts 1.8 Identify direction of natural markings and finished side of leather to

Elements	Performance Criteria
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	inform pattern lay-out
2. Lay out pattern	2.1 Lay out patterns in accordance with workplace procedures and instructions, using low-wear parts of hide on the less heavily used furniture components, and maximising use of hide for the design 2.2 Mark any registration points on pattern and follow other instructions to match pattern 2.3 Measure hide and make appropriate adjustments
3. Cut leather	3.1 Complete cutting operations in accordance with work instructions and procedures 3.2 Inspect cut work, identify any faults and take appropriate remedial action in accordance with workplace procedures 3.3 Regularly check performance of cutting equipment, including evidence from cut pieces, for signs of faulty operation 3.4 Wrap cut-out components using appropriate protective covers and attach care label information
4. Complete task	4.1 Fold, protect and dispatch cut components to next process following workplace procedures 4.2 Check, clean and store equipment and any unused materials in accordance with workplace procedures 4.3 Tag unserviceable equipment, identify faults and inform appropriate personnel in accordance with workplace procedures 4.4 Clean work area, safely dispose of waste and identify items for recycling in accordance with workplace procedures and environmental standards 4.5 Complete required workplace records

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Reading skills to interpret familiar workplace procedures and work documentation
- Writing skills to communicate information in familiar workplace documents

- Numeracy skills to measure and calculate lengths and areas and estimate material requirements.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

Release 1. Supersedes and is equivalent to MSFUP3004 Lay out patterns and cut leather.

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 MSFUP3018 Lay out patterns and cut leather

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Performance Evidence

There must be evidence the candidate has completed all the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- select appropriate leather for at least one leather armchair
- measure and cut selected leather for that armchair to match patterns.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- work requirements, including workplace standards and inspection procedures, for laying out patterns and cutting leather
- features of different leather types, common faults, and wear capability of different parts of the hide (may be a full hide or partial), including:
 - suitable thickness and quality
 - natural markings
 - finished and unfinished sides
 - high and low wear
 - direction of markings
 - flaws and blemishes
 - colour variation between hides
 - flexibility
- workflows for cutting leather and laying out patterns
- design features of the finished furnishing items and how these relate to laying out the pattern and cutting the leather
- tools commonly used to cut leather, including:
 - scissors
 - cutting blades and electric shears
- work health and safety requirements, including personal protective equipment (PPE) and manual handling.
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Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - work order
 - appropriate scissors and cutting blades, leather, patterns and work order required for performance evidence
 - PPE
 - workplace procedures, manufacturing specifications, codes, standards, manuals, and reference materials.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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