



Australian Government

MSFSF3016 Lay out patterns and cut fabrics

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 lay out patterns and cutting fabrics for construction of diverse soft furnishings and upholstery products. Fabrics may be single or double layer and include both plain fabrics and those which involve matching stripes, checks and pattern repeats. Workers with this competency follow 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

Soft Furnishing

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. Plan task	1.1 Identify task requirements, including specifications, patterns, fabrics, number of items to be cut and required equipment, from work documentation 1.2 Identify and follow work health and safety requirements 1.3 Identify specific cutting requirements and whether cutting table guides are needed 1.4 Select suitable work area and clean of any contaminants 1.5 Select equipment and tools to suit fabric and other task requirements and check that they are safe and functional 1.6 Check that cutting tools are sharp 1.7 Select fabrics to meet task requirements and lay out smooth and square

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
2. Prepare materials for cutting	2.1 Inspect fabrics for flaws and appropriate finish 2.2 Identify naps, direction of pattern, pattern repeat and finished side of materials 2.3 Square up fabrics to edges or guide markings on cutting table 2.4 Lay out patterns in accordance with work procedures and instructions using registration points on pattern and other instructions to match required fabric pattern 2.5 Measure and make required adjustments
3. Complete cutting operations	3.1 Cut fabrics to meet task requirements 3.2 Prepare cut fabrics for distribution or next process in accordance with task requirements and workplace procedures 3.3 Clean work area, safely dispose of waste and identify items for recycling in accordance with workplace procedures and environmental standards 3.4 Complete and store documentation in accordance with workplace procedures

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 length and area 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 MSFSF3007 Lay out patterns and cut fabrics.

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 MSFSF3016 Lay out patterns and cut fabrics

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Performance Evidence

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

- lay out patterns, measure accurately and cut out at least 5 different fabric types or pattern styles.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- fabric types, common faults and inspection procedures
- procedures for laying out and cutting fabrics, including factors to consider for patterned fabrics and pattern repeats
- types of tools commonly used for layout and cutting, including:
 - measuring devices
 - scissors
 - cutting blades
 - automatic cutting machines
- manual and automated fabric cutting techniques and workflow
- work health and safety requirements, including personal protective equipment (PPE), ergonomic work practices and manual handling procedures.

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 orders
 - cutting tools and equipment required for performance evidence
 - PPE
 - patterns
 - fabrics to be cut

- workplace procedures, manufacturing specifications, codes, standards, manuals, and reference materials.

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

Links

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