



Australian Government

MSTML3001 Make flat patterns from hat blocks

Release: 1

MSTML3001 Make flat patterns from hat blocks

Modification History

Release 1. Supersedes and is equivalent to LMTML3001A Make flat patterns from hat blocks

Application

This unit of competency covers the skills and knowledge required to make flat patterns from hat blocks.

The unit of competency applies to interpreting a millinery design or rough millinery sketch, selecting a block suitable for the design or sketch, and developing flat patterns by directly using the 3-D hat block.

Work may be conducted in small to large scale enterprises and may involve individual and team activities.

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

Pre-requisite Unit

MSTML2002 Make flat patterns for millinery

MSTML2007 Block and shape millinery by hand

Competency Field

Millinery

Unit Sector

Not applicable

Elements and Performance Criteria

Elements describe the essential outcomes.

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

1 Determine job requirements

1.1 Follow standard operating procedures (SOPs)

1.2 Comply with work health and safety (WHS) requirements at all times

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| | | 1.3 | Use appropriate personal protective equipment (PPE) in accordance with SOPs |
| | | 1.4 | Identify job requirements from specifications, drawings, job sheets or work instructions |
| 2 | Prepare to make flat patterns from hat blocks | 2.1 | Set up workstation according to workplace procedures and select millinery tools and equipment |
| | | 2.2 | Analyse design information and interpret specifications to identify component shapes of the millinery item |
| | | 2.3 | Determine hat blocks needed to achieve the crown and brim shapes of the design |
| | | 2.4 | Select hat blocks according to design and head size |
| | | 2.5 | Prepare hat blocks |
| | | 2.6 | Select and prepare medium to be used for making the patterns |
| 3 | Develop and test millinery patterns | 3.1 | Apply medium to hat blocks |
| | | 3.2 | Mark millinery design lines onto pattern medium according to specifications of millinery design |
| | | 3.3 | Check design proportions in relation to millinery design and placement of the hat on the head |
| | | 3.4 | Cut first patterns by applying patternmaking techniques for millinery |
| | | 3.5 | Test and check patterns by making a mock-up or toile in paper or other millinery foundation material |
| | | 3.6 | Make full patterns suitable for single layer cutting or the hat |
| 4 | Finalise patterns | 4.1 | Adjust patterns, where necessary, to comply with design and size |
| | | 4.2 | Finalise patterns and add cutting instruction, grainline and notches |

4.3 Check patterns against quality criteria and workplace procedures

Foundation Skills

This section describes those required skills (language, literacy and numeracy) that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

This field allows for 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.

Workplace procedures include one or more of the following:

- requirements prescribed by legislation, awards, agreements and conditions of employment
- SOPs
- work instructions
- PPE
- oral, written and visual communication
- quality practices, including responsibility for maintenance of own work quality and contribution to quality improvement of team or section output
- housekeeping
- tasks related to environmental protection, waste disposal, pollution control and recycling
- WHS practices

Medium includes one or more of the following:

- paper that is cut and spread or lapped to fit the 3-D shape of the hat block
- buckram that is moistened, blocked and dried on the hat block ready for marking the design lines onto the 3-D shape
- leno used as buckram
- vylene used as paper
- adhesive paper tape that is layered over plastic cling-film already covering the hat block

Checking patterns

- accuracy of patterns
- proportion

includes :

- shape
- head size and fit
- ease and comfort
- placement on head (front view, back view, left and right profiles)
- suitability of chosen millinery materials and fabrications

Finalising patterns includes :

- transferring patterns to final paper format
- adding and checking seam allowances
- labelling
- markings
- cutting instructions
- notches
- meeting quality criteria, such as:
 - checking seam lengths
 - accurate measurements
 - specifications

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTML3001A Make flat patterns from hat blocks

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>

Assessment Requirements for MSTML3001 Make flat patterns from hat blocks

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria, and include:

- reading and following work instructions, standard operating procedures (SOPs), safe work practices
- interpreting design sketch or illustration, analysing design information and interpreting specifications to identify component shapes of the millinery item
- determining and preparing suitable blocks to meet design and head size
- marking millinery design lines onto pattern medium according to specifications of millinery design
- using millinery tools and equipment to cut first patterns
- developing mock-up to test patterns using techniques according to workplace procedures
- adjusting patterns, where necessary, to comply with design and size
- finalising at least two (2) patterns and adding cutting instruction, grain line and notches
- checking patterns against quality criteria and workplace procedures.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria, and include:

- reading and following work instructions, standard operating procedures (SOPs), safe work practices
- interpreting design sketch or illustration, analysing design information and interpreting specifications to identify component shapes of the millinery item
- determining and preparing suitable blocks to meet design and head size
- marking millinery design lines onto pattern medium according to specifications of millinery design
- using millinery tools and equipment to cut first patterns
- developing mock-up to test patterns using techniques according to workplace procedures
- adjusting patterns, where necessary, to comply with design and size
- finalising at least two (2) patterns and adding cutting instruction, grain line and notches
- checking patterns against quality criteria and workplace procedures.

Assessment Conditions

- Assessors must:
 - satisfy the assessor competency requirements that are in place at the time of the assessment, as set by the VET regulator
 - have vocational competency in making flat patterns from hat blocks, at least to the level being assessed, with relevant industry knowledge and experience.
- Assessment should occur in operational workplace situations. Where this is not possible, or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment reflecting realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications associated with this unit.

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