



Australian Government

Department of Education, Employment and Workplace Relations

LMTML3001A Make flat patterns from hat blocks

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor This unit covers skills and knowledge required to make flat patterns from hat blocks.

Application of the Unit

Application of the Unit

The unit applies to interpreting a millinery design or rough millinery sketch, selecting a block suitable for the design or sketch, and developing flat patterns for the millinery by directly using the three-dimensional hat block selected.

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

The application of this unit is according to OHS practices of the enterprise and workplace practices which may include:

- requirements prescribed by legislation, awards agreements and conditions of employment
- standard operating procedures
- work instructions
- 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

This unit requires the application of skills associated with planning and organising for safe and effective use of pattern making technology and operations. This unit also requires an ability to interpret and communicate design information, check the quality of outcomes and identify and address problems relating to own work. Problem solving skills are required to determine block requirements for pattern making.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisites

LMTML2002A

LMTML2007A

Employability Skills Information

Employability Skills This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Not applicable.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Prepare millinery tools, equipment and work area	1.1 Work station is set up according to OHS practices 1.2 Millinery tools and equipment are selected
2. Analyse millinery pattern requirements	2.1 Design information in analysed and specifications are interpreted to identify component shapes of the millinery item 2.2 Hat blocks needed to achieve the crown and brim shapes of the design are determined 2.3 Hat blocks are selected according to design and head size 2.4 Hat blocks are prepared 2.5 Medium to be used for making the patterns is selected and prepared
3. Develop and test millinery patterns	3.1 Medium is applied to hat blocks 3.2 Millinery design lines are marked onto pattern medium according to specifications of millinery design 3.3 Design proportions are checked in relation to millinery design and placement of the hat on the head 3.4 First patterns are cut by applying pattern-making techniques for millinery 3.5 Patterns are tested by making a mock-up or toile in paper or other millinery foundation material 3.6 Full patterns suitable for single-layer cutting are made for the hat
4. Finalise patterns	4.1 Patterns are adjusted where necessary for design and size compliance 4.2 Patterns are finalised and cutting instructions, grainlines and notches are added. 4.3 Patterns are checked against quality criteria

Required Skills and Knowledge

This describes the essential skills and knowledge and their level, required for this unit.

Demonstrates knowledge of:

- millinery tools and equipment
- patterns shapes for millinery
- pattern labelling and markings
- performance of millinery materials
- quality criteria
- OHS practices including hazard identification and control measures associated with
- quality practices
- workplace practices
- recording and reporting practices

Demonstrates skill to:

- analyse a millinery design
- measure blocks
- mould millinery materials
- use millinery tools and equipment
- meet quality criteria
- interpret design illustration or sketch
- read, interpret and follow information on work specifications, standard operating procedures and work instructions and other reference material
- maintain accurate records
- communicate within the workplace
- sequence operations
- meet specifications
- clarify and check task-related information
- carry out work according to OHS practices

Evidence Guide

The Evidence Guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for the Training Package.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Demonstrates skills and knowledge to:

- interpret design sketch or illustration
- prepare blocks
- develop and test patterns
- carry out quality procedures
- finalise patterns

Consistently applies skills and knowledge when:

- organising work
- completing tasks
- identifying improvements
- using workplace practices
- using OHS practices
- recording and reporting accidents and incidents
- assessing operational readiness of equipment used and work processes
- recognising and adapting to cultural differences in the workplace, including modes of behaviour and interactions
- completing work systematically with attention to detail without damage to goods and equipment

Context and specific resources for assessment

Assessment may occur on the job or in an appropriately simulated environment and requires access to work areas, materials and equipment and to information on workplace practices and OHS practices.

Guidance information for assessment

This unit may be assessed independently or in combination with other relevant units.

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the Performance Criteria, is detailed below. Add any essential operating conditions that may be present with training and assessment depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts.

Legislative/regulatory requirements	All work must comply with relevant Federal and State or Territory legislative or regulatory requirements.
Millinery tools, equipment may include	• hat blocks • scissors • tape measure • pins • tracing paper • canvas or leno • buckram • vylene • pattern paper or board • tape or cord • sticking tape • rulers
OHS practices	OHS practices must include hazard identification and control, risk assessment and implementation of risk reduction measures specific to the tasks described by this unit and may include: • manual handling techniques • standard operating procedures • personal protective equipment • safe materials handling • taking of rest breaks • ergonomic arrangement of workplaces • following marked walkways • safe storage of equipment • housekeeping • reporting accidents and incidents • other OHS practices relevant to the job and enterprise
Prepared may include	• checking for damage and cleanliness • repair • modifying shape or head size • covering the hat block in plastic cling-film
Medium may include	• 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
Patternmaking techniques for millinery may include	• flat patternmaking using geometry and circular principles • 3D methods • testing and experimentation • manual and computerised
Patterns are tested may include checking	• accuracy of patterns • proportion • 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
Patterns are finalised may include	• 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 Sector(s)

Sector Millinery