



Australian Government

MSTML4001 Undertake specific millinery construction techniques

Release: 1

MSTML4001 Undertake specific millinery construction techniques

Modification History

Release 1. Supersedes and is equivalent to LMTML4001A Undertake specific millinery construction techniques

Application

This unit of competency covers the skills and knowledge required for specific millinery construction using wire, blocks, less common materials and shapes, and a range of joining techniques to develop fashion hats and headwear.

The unit of competency applies to a range of construction techniques using common and uncommon materials. It encompasses general millinery construction techniques. Work requires individuals to demonstrate discretion, judgement and problem-solving skills in the construction of millinery items.

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

Nil

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
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|-----|--|
| 1.1 | Follow standard operating procedures (SOPs) |
| 1.2 | Comply with work health and safety (WHS) requirements at all times |
| 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 undertake specific millinery construction techniques	2.1	Use advanced wire shaping techniques and manipulate wire to create foundations for closed headwear, tiaras and abstract or complex shapes
		2.2	Join, cover and shape wire to meet complex design requirements and produce headwear, as required
		2.3	Shape and assemble uncommon materials to make headwear, trims and components according to design requirements
		2.4	Source alternative materials and prepare, as required
3	Assemble blocked headwear components	3.1	Use multiple blocks in single headwear designs, as required
		3.2	Build upon blocks to create specified shape and adapt blocks to create desired effect
		3.3	Block and shape headwear by hand to create desired effect
		3.4	Assemble converse and concave shaped components and headwear pieces
		3.5	Use advanced fabric covering techniques in headwear and suitable equipment to assemble components
4	Check and finalise headwear	4.1	Fit headwear, identify modifications and modify headwear using required techniques
		4.2	Inspect headwear components for quality and conformance to specifications and client satisfaction
		4.3	Identify faults and take appropriate action to ensure quality standards are met
		4.4	Implement recording and reporting practices according to 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

Materials and components include one or more of the following:

- traditional and non-traditional materials used in millinery construction
- contemporary materials
- foundation and support materials
- adhesives
- wire
- fishing line
- plastic tubing
- sizing
- canvas
- sinamay
- felt pieces
- straw pieces
- braids

- ribbons
- lace
- buttons
- beads
- flowers
- feathers
- net
- fashion fabrics

Composition of materials and components includes one or more of the following:

- natural
- synthetic
- man-made
- animal
- vegetable
- mineral
- chemical

Specific millinery construction processes include one or more of the following:

- attaching wire to complex shapes
- using advanced wire-shaping techniques
- using multiple blocks
- brim edge-finishing
- applying linings
- applying head ribbons
- joining leather, felt and canvas
- attaching trims
- attaching labels
- adhesion techniques where hand sewing cannot be used effectively

Block machines and equipment include one or more of the following:

- block
- steamer
- pins
- cord
- hot block
- iron
- hat stretcher
- cutting tools

Complex shapes include one or

- a combination of unusual and contrasting shapes
- intricate and complex silhouette

more of the following:

- 3-D shapes
- 2-D shapes
- harmonious shapes
- contrasting shapes
- concave shapes
- convex shapes
- curvilinear shapes
- combinations of shapes

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTML4001A Undertake specific millinery construction techniques

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 MSTML4001 Undertake specific millinery construction techniques

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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
- identifying the characteristics and potential use of a wide range of common and uncommon materials
- using wire to create foundations for at least five (5) different complex designs
- shaping and assembling at least five(5) uncommon materials to construct headwear, trims and components according to design requirements
- using converse and concave shaped components and advanced fabric covering techniques in headwear to meet requirements of at least three (3) complex millinery designs
- using a combination of blockings in a single millinery design
- adjusting and manipulating blocks to achieve abstract designs
- identifying faults or non-conforming materials or components
- modifying and adjusting components to meet specifications
- applying workplace procedures
- maintaining accurate records.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- millinery policies, standards and guidelines, industry codes of practice, legislative and regulatory requirements
- a range of textiles and materials, including their composition and the stretch quality of fabrics
- standard and non-standard millinery shapes and designs
- standard and less common materials and components suitable for the specific construction techniques, such as:
 - traditional and non-traditional materials used in millinery construction
 - contemporary materials
 - foundation and support materials
 - adhesives

- wire
- fishing line
- plastic tubing
- sizing
- canvas
- sinamay
- felt pieces
- straw pieces
- braids
- ribbons
- lace
- buttons
- beads
- flowers
- feathers
- net
- fashion fabrics
- millinery production tools and equipment
- millinery application procedures:
 - attaching wire
 - brim edge-finishing
 - applying linings
 - applying head ribbons
 - joining leather, felt and canvas
 - attaching trims
 - attaching labels
 - adhesion techniques where hand sewing cannot be used effectively
- millinery hand sewing techniques:
 - buttonhole stitch
 - backstitch
 - tacking
 - straight hemming
 - slip stitch
 - stab stitch
 - darning
 - diagonal basting
 - lacing stitch
 - glove-stitch
 - catch stitch
- sewing, gluing, bonding or wiring techniques

- millinery accessories
- quality inspection procedures
- style options, fashion trends and total look concepts
- safety aspects relating to equipment operation
- millinery manufacture and construction techniques
- complex blocking techniques
- complex wire manipulation techniques
- historical development of various fashion styles
- workplace procedures
- recording and reporting practices.

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 specific millinery construction techniques, 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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