



Australian Government

MSTCL1001 Produce a simple garment

Release: 1

MSTCL1001 Produce a simple garment

Modification History

Release 1. Supersedes and is equivalent to LMTCL1001B Produce a simple garment

Application

This unit of competency covers the skills and knowledge to assemble garment components using a domestic machine and operation techniques.

The unit of competency applies to selecting fabrics, laying up pattern pieces, and cutting and assembling garments in a non-commercial environment.

This unit of competency is designed for particular application in a highly supervised environment and is suitable for selection in vocational education and training (VET) in schools programs or where access to volume production and commercial machines and processes are not an option.

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

Pre-requisite Unit

Nil

Competency Field

Clothing production

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
- 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

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| 2 | Prepare to produce a simple garment | <div>2.1 Select pattern according to size and style required</div> <div>2.2 Select fabric to suit purpose and design of garment</div> <div>2.3 Determine sequencing of garment assembly operations according to pattern requirements</div> <div>2.4 Calculate fabric amount according to fabric width, pattern size and pattern requirements and document</div> <div>2.5 Prepare workstation, tools and equipment</div> |
| 3 | Prepare components | <div>3.1 Lay out pattern pieces and pin or tack to make best use of fabric length and to match fabric pattern, nap and weave</div> <div>3.2 Cut fabric according to seam allowances and pattern markings</div> <div>3.3 Check cut pattern pieces against garment requirements and fabric characteristics, and make any required corrections</div> <div>3.4 Lay out garment components according to sequence of assembly operations</div> |
| 4 | Assemble garment components | <div>4.1 Sew components according to workplace procedures, garment requirements and accepted quality standards</div> <div>4.2 Control machine speed and work handling for type of sewing operations, fabrics and garment complexity</div> <div>4.3 Check garment for correct fit and assembly quality</div> <div>4.4 Sew components according to workplace procedures, garment requirements and accepted quality standards</div> |
| 5 | Complete work | <div>5.1 Complete any required hand sewing according to pattern requirements and accepted standards of sewing quality</div> |

- 5.2 Inspect sewn garment, identify any faults and take appropriate action to ensure it meets quality standards and pattern requirements
- 5.3 Press garment according to fabric requirements and garment construction details
- 5.4 Record outcome

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 requirements
- 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

Simple garment includes one or more of the following:

- accessories
- straight seamed, draw string skirt
- t-shirt
- smock dress
- headwear
- other garments that require a small range of sewing

techniques using domestic machines

Prepare workstation tools and equipment includes the following:

- setting up workbench and seating according to WHS practices
- cleaning and checking machine to ensure correct operation
- setting up and adjusting machine according to specifications
- checking needles, attachments and parts
- identifying, reporting and replacing worn needles or parts
- regularly checking performance of machine for signs of faulty operation
- taking required action according to defined procedures to address faults
- identifying and preparing other equipment for production

Fabric includes one or more of the following:

- a range of fabric types, including cottons, woollens, synthetics, velvets, lace, stretch and single knits
- single and multi-directional prints
- interfacings and linings

Patterns include one or more of the following:

- commercially available patterns
- stock patterns
- individually drafted patterns

Pattern markings include:

- notches
- darts

Components include one or more of the following:

- sleeves
- waistbands (straight or shaped)
- collars
- cuffs
- plackets
- facings (neck and armhole)
- binds
- zips (dress, skirt, trouser and invisible)
- buttons and buttonholes
- hems (double fold, rolled, blind and stitched hem)

Machines include the following:

- domestic sewing machine
- overlocker

Set-up includes the following:

- correct thread, needle size and type, needle guard, tension setting and attachments

Other equipment includes one or more of the following:

- pins
- scissors
- needle and thread
- marker or chalk

Sewing operations include:

- positioning, feeding and handling of work pieces involving contouring, stopping or handling skills required to accommodate fabric variations
- gathering, easing and tucking

Hand sewing includes one or more of the following:

- attaching buttons and other closures
- attaching embellishments, such as beading, trims and badges
- hemming and overstitching
- embroidery

Unit Mapping Information

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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 MSTCL1001 Produce a simple garment

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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
- preparing workstation, materials, tools and equipment
- interpreting commercially produced patterns to select appropriate fabric length and type
- laying up pattern piece and pinning or tacking to make best use of fabric length and to match fabric pattern, nap and weave
- cutting fabric according to seam allowances and pattern markings
- operating domestic sewing or overlocking machines to sew components to produce at least two (2) simple garments, according to workplace procedures, garment requirements and accepted quality standards
- completing any required hand sewing according to pattern requirements and accepted standards of sewing quality
- inspecting sewn garment, identifying any faults and taking appropriate action to ensure it meets quality standards and pattern requirements
- pressing garment according to fabric requirements and garment construction details
- recording outcome.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- techniques in using and maintaining domestic sewing machine and overlocker
- commercial pattern instructions and markings
- characteristics of a range of fabrics, including lace, woven and knitted fabrics and threads, such as denim, single knits, tricot and gabardine
- quality standards and practices
- sizing requirements
- sequence of operations for garment assembly
- 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 producing a simple garment, at least to the level being assessed, with relevant industry knowledge and experience.
- Where possible assessment must 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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