



Australian Government

MSTCL3006 Assemble bra or swimwear

Release: 3

MSTCL3006 Assemble bra or swimwear

Modification History

Release 3. Supersedes and is equivalent to MSTCL3006 Assemble bra or swimwear (Release 2).

Pre-requisite unit, MSTGN2011 Identify fibres, fabrics and textiles used in the TCF industry, is superseded by MSTGN2013 Identify fibres, fabrics and textiles used in the TCF industry.

Release 2. Data entry errors re listed pre-requisite units corrected - MSTCL2001 and MSTCL2004 replaced with MSTFD2006.

Release 1. Supersedes and is equivalent to LMTCL3006B Assemble bra or swimwear.

Application

This unit of competency covers the skills and knowledge required to plan, align and assemble a bra or swimwear garment from specifications or patterns using a variety of machines and processes.

The unit of competency applies to assembling a bra or swimwear garment and may apply to sample machining involving all operations in the assembly of a garment to specifications. It involves being able to work quickly and accurately with expensive and delicate fabrics, to tight tolerances.

Work may be self-directed and unsupervised.

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

MSTFD2006 Use a sewing machine for fashion design

MSTGN2013 Identify fibres, fabrics and textiles used in the TCF industry

Competency Field

Clothing production

Unit Sector

Not applicable

Elements and Performance Criteria

Elements describe the Performance criteria describe the performance needed to

essential outcomes.		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
2	Prepare to assemble bras or swimwear	2.1	Set up workbench and seating, and clean, set up and adjust machines and check oil levels
		2.2	Check needles, attachments and parts, and identify, report or replace worn items according to manufacturer instructions
		2.3	Check work bundle, determine any follow-up action and lay out components in sequence
		2.4	Maintain records
		2.5	Determine specifications and machining requirements and develop plan for bra or swimwear construction
3	Assemble bra or swimwear	3.1	Assemble bra or swimwear according to product requirements and quality standards
		3.2	Assemble bra or swimwear according to workplace procedures and requirements for speed of work
		3.3	Control machine speed and work handling for type of operations, fabrics and product type
		3.4	Regularly check performance of machine for signs of faulty operation, including evidence from inspection of finished pieces, and take required action
		3.5	Check all work for compliance with specifications, including tolerances, and take remedial action where non-compliance is detected

4	Complete work and production records	4.1	Inspect finished garment, check against quality standards, identify any faults and take appropriate action
		4.2	Record results of inspection of finished garment to either reject or correct faulty garment
		4.3	Record preventative action to avoid any recurrence of defective garment
		4.4	Complete production records or packing slips and direct completed work to next operation or packing section

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
- personal protective equipment (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

Australian Standards include:

- the relevant industry or Australian Standards that are current at the time this unit is being undertaken

Machines include one or more of the following:

- plain lockstitch sewing machine
- three thread overlocker
- zigzag sewing machine
- blind hemming machines
- buttonholers
- pocket and collaring machines
- elasticators
- binders
- three-step, twin needle with binding, channelling, single needle and bar rack
- fusing, moulding, gluing and ultrasonic machine

Set-up includes one or more of the following:

- correct thread
- needle size and type: a variety of size and types, such as standard and ball point
- needle guard
- tension setting
- attachments correct heat and pressure
- correct foot

Operations include the following:

- sewing techniques where the positioning, feeding and handling of work pieces involves discretionary changes, contouring or critical stopping points
- special handling skills required to accommodate fabric variations
- production of whole garment from specifications or patterns
- sample machining
- all operations required to complete whole garment construction

Assemble includes one or more of the following:

- gluing
- fusing
- sewing

Unit Mapping Information

Release 3. Supersedes and is equivalent to MSTCL3006 Assemble bra or swimwear (Release 2).

Release 2. Supersedes and is equivalent to MSTCL3006 Assemble bra or swimwear (Release 1).

Release 1. Supersedes and is equivalent to LMTCL3006B Assemble bra or swimwear.

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 MSTCL3006 Assemble bra or swimwear

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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
- applying relevant standards
- preparing workstation and work before commencing sewing operations
- determining specifications and machine requirements and planning for assembling of bra or swimwear
- performing a range of sewing operations, where the positioning, feeding and handling of work pieces involves discretionary changes, contouring or critical stopping points, and where special handling skills are required to accommodate fabric variations
- using one or more machines required for completing all operations to sew at least two (2) bras or swimwear according to garment requirements, quality standards and required operations
- operating and maintaining machine/s required for complete operations
- controlling machine speed and work handling for type of operations, fabrics and product type according to workplace procedures
- inspecting sewn garment, identifying any faults, taking appropriate action and checking finished work against quality standards
- recording results of inspections to identify faulty components and preventative action
- completing production records or packing slips and directing completed work to next operation or packing section, according to workplace procedures.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- machine operations and maintenance

- characteristics of fabrics, threads and other materials used in garment assembly
- quality standards and practices
- sequence of operations
- acceptable tolerances and other quality standards
- appropriate components for bras and swimwear:
 - straps
 - hooks
 - elastic
 - fasteners
 - ribbon
 - underwire
 - foam padding
 - oil-filled straps
 - rings
 - fine lace and delicate fabrics
- performance and properties of one-way and two-way stretch fabrics
- 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 assembling bra or swimwear, 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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