



Australian Government

MSTCL3002 Prepare and produce a complex whole garment from specifications

Release: 3

MSTCL3002 Prepare and produce a complex whole garment from specifications

Modification History

Release 3. Supersedes and is equivalent to MSTCL3002 Prepare and produce a complex whole garment from specifications (Release 2)

Prerequisite - MSTGN2011 Identify fibres, fabrics and textiles used in the TCF industry
superseded by MSTGN2013 Identify fibres, fabrics and textiles used in the TCF industry

Release 2. Data entry errors re listed prerequisites corrected – MSTCL2001 and MSTCL2004 replaced with MSTFD2006. Equivalent.

Release 1. Supersedes and is equivalent to LMTCL3002B Prepare and produce sewn garment.

Application

This unit of competency covers the skills and knowledge required to prepare, align and sew a complex whole garment.

The unit of competency applies to sample machining involving all operations in the assembly of a garment from written specifications.

Work may be self-directed and unsupervised and may include carrying out a work plan to specifications.

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 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
2	Prepare to construct complex garment	2.1	Identify garment requirements from production specifications
		2.2	Determine machining requirements and develop plan for garment construction
		2.3	Check and lay out work pieces in sequence according to construction plan
		2.4	Prepare workstation, machines and equipment
3	Sew complex garment	3.1	Sew complex garment according to product requirements, quality standards and required operations
		3.2	Perform operations to produce whole garment according to workplace procedures
		3.3	Control machine speed and work handling for type of operations, fabrics and product type according to workplace procedures
		3.4	Regularly check performance of machine for signs of faulty operation, including evidence from inspection of finished pieces, and take required action
4	Complete work	4.1	Inspect and check garment against quality standards, identify any faults and take appropriate action

- 4.2 Record results of inspection and action taken to either reject or correct faulty garment
- 4.3 Record preventative action taken to avoid any recurrence of defective garment
- 4.4 Complete manual or digital production records or packing slips
- 4.5 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

Garment requirements include one or more of the following:	• work pieces, accessories and trims • pattern • production or delivery time requirements
Prepare workstation, machines and equipment includes the following:	• setting up workbench and seating according to ohs practices • cleaning and checking machines • maintaining records • setting up and adjusting machines according to specifications for work • checking needles, attachments and parts • identifying, reporting or replacing worn needles and parts according to manufacturer instructions
Garment includes one or more of the following:	• any complex whole garment that includes multiple pieces, such as sleeves, collars and trims, and which is made to production specifications (for example shirts, trousers, dresses, unstructured jackets, stretch knits, skirts, bras and swimwear)
Machines include one or more of the following:	• plain lockstitch sewing machine • a three, four or five thread overlocker • a zigzag sewing machine • blind hemmers • buttonholers • pocket and collaring machines • elasticators • binders
Set-up includes one or more of the following:	• correct thread • needle size and length • needle guard • tension setting • attachments
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

Unit Mapping Information

Release 3. Supersedes and is equivalent to MSTCL3002 Prepare and produce a complex whole garment from specifications (Release 2)

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Release 1. Supersedes and is equivalent to LMTCL3002B Prepare and produce sewn garment.

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 MSTCL3002 Prepare and produce a complex whole garment from specifications

Modification History

Release 3. Supersedes and is equivalent to MSTCL3002 Prepare and produce a complex whole garment from specifications (Release 2)

Prerequisite - MSTGN2011 Identify fibres, fabrics and textiles used in the TCF industry **superceded by** MSTGN2013 Identify fibres, fabrics and textiles used in the TCF industry

Release 2. Data entry errors re listed prerequisites corrected – MSTCL2001 and MSTCL2004 replaced with MSTFD2006. Equivalent.

Release 1. Supersedes and is equivalent to LMTCL3002B Prepare and produce sewn garment.

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
- 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
- completing all operations to sew at least two (2) complex whole garments that include multiple pieces, such as sleeves, collars and trims, bras or swimwear, according to garment requirements, quality standards and required operations
- applying the range of sewing techniques required for complex garment operations to construct a whole garment
- providing routine checks and maintenance of machines
- 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
- 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)
- relevant Australian standards
- production machine operation and maintenance, such as:

- plain lockstitch sewing machine
- three, four or five thread overlocker
- zigzag sewing machine
- blind hemming machines
- buttonholers
- pocket and collaring machines
- elasticators
- binders
- characteristics of a variety of fabrics, threads and other materials used in garment assembly
- range of sewing techniques required to construct complex whole garment
- quality standards and practices
- sequence of operations
- 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 sewing garments, 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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