



Australian Government

Assessment Requirements for MSTCL4001 Perform sample machining of advanced construction garments

Release: 3

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Modification History

Release 3. Supersedes and is equivalent to MSTCL4001 Perform sample machining of advanced construction garments (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superceded by MSTGN2013 Identify fibres, fabrics and textiles used in the TCF industry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 LMTCL4001A Perform sample machining of bespoke garments

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, design specifications
- applying relevant standards
- preparing and setting up machines and determining all construction requirements
- operating and maintaining at least three (3) types of machines required for complete 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 advanced construction garments that include multiple pieces, such as sleeves, collars and trims according to garment requirements, quality standards and required operations
- controlling machine speed and work handling for type of operations, fabrics and product type according to workplace procedures
- performing embellishment, where required, and finishing garment to meet design specifications
- inspecting garment construction problems, providing feedback to designers and patternmakers and documenting
- reviewing production processes, identifying alternative processes to achieve more efficient or effective outcomes, and using appropriate communication tools to review sample garment and production with appropriate personnel
- documenting outcomes of communication and maintaining records.

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
- characteristics of a variety of fabrics, threads and other materials used in garment assembly
- design specifications for advanced construction garments, such as:
 - type of garment
 - style requirements
 - fit model specifications
 - sizing
 - design restrictions or conditions
 - trims and accessories
 - fabric
- sequence of operations to produce a completed sample product
- operation of variety of production machines required to complete garment assembly
- construction specifications, such as:
 - multiple interfacings
 - tailored collars
 - cut-in pockets
 - vents
 - linings
 - wide range of commonly used and specialised fabrics
- machine set-up:
 - clean machines
 - set up and adjust machines according to specifications for work
 - check needles, attachments and parts
 - identify worn needles and parts and report or replace according to manufacturer instructions
- hand embellishment techniques, such as:
 - beading
 - smocking
 - embroidery stitches
 - fabric manipulation
- machine embellishment, such as:
 - quilting
 - pintucking
 - shirring
 - machine embroidery
 - appliqué

- lace insertion
- garment finishing, such as:
 - trimming loose threads
 - checking
 - spotting
 - sorting
 - hand or machine sewing buttons or fasteners
 - hand or machine sewing hems
 - securing lining
 - sewing and cutting buttonholes
 - attaching accessories or trims
 - attaching tickets and labels
 - bundling
- communication with appropriate personnel:
 - managers
 - colleagues
 - specialist staff
 - designers
 - patternmakers
 - production supervisors
- quality practices
- workplace procedure
- 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 performing sample machining of advanced construction items, 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.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>