



Australian Government

Assessment Requirements for MSTFD5002 Develop and test patterns for bras and swimwear

Release: 2

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Modification History

Release 2. Supersedes and is equivalent to MSTFD5002 Develop and test patterns for bras and swimwear (Release 1).

Pre-requisite unit, MSTGN2011 Identify fibres, fabrics and textiles used in the TCF industry, is **superseded by** MSTGN2013 Identify fibres, fabrics and textiles used in the TCF industry.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 1. Supersedes and is equivalent to LMTFD5002B Develop and test patterns for bras and swimwear.

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) and safe work practices
- interpreting and clarifying design drawings and specifications
- applying industry standards to create patterns to meet client briefs for at least two (2) different target groups or specialised needs, using two (2) different types of fabric: one-way stretch, two-way stretch or no stretch fabric
- using patternmaking tools and equipment according to industry practices and choosing appropriate existing block to develop at least two (2) patterns for bras or swimwear
- producing patterns that meet Australian Standards, using advanced patternmaking principles and documenting methods and formulas used
- checking pattern pieces, labelling and completing markings, and documenting any construction problems
- constructing segments, completing any pattern alterations, finalising pattern and assessing pattern meets fit and design requirements
- completing pattern specification sheet, attaching to patterns for storage and filing appropriately.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- Australian Standards for patterns and garment construction
- patternmaking tools and equipment:
 - scissors
 - square rule
 - marker pens

- hole punch
- pins
- fashion triangle
- French curve
- pattern notcher
- weights
- tape measure
- computer-aided design (CAD) terminal and program
- design specifications and procedures
- patternmaking principles and procedures
- components of structured garments:
 - straps
 - hooks
 - elastic
 - fasteners
 - ribbon
 - underwire
 - foam padding
 - oil filled straps
 - rings
 - fine lace and delicate fabrics
- current practices and special construction methods for bras and swimwear with structured foundations:
 - fusing
 - gluing
 - moulding
 - sewing requirements
 - seam allowances
 - stitch requirements
 - seam finishes, such as flat seam, blind hem and French seam
- design requirements and style features:
 - garment type (bra and swimwear)
 - number of panels
 - sleeves
 - sides
 - openings
 - neckline
 - seams
 - gathers
 - pleats

- panel tucks
- customer and workplace fit requirements
- fabric characteristics of one-way, two-way and no-stretch fabrics
- marker making procedures
- pattern markings:
 - appropriate seam allowance
 - notching
 - pattern information (size, style number, cutting instructions and identity)
 - darts
 - drill holes
 - grain line
 - cutting line
 - stitching line
- cutting and garment construction
- maintaining accurate records.

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 developing patterns for bras and 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.

Links

Companion Volume implementation guides are found in VETNet -

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