



Australian Government

Assessment Requirements for MSTCL3001

Identify fabric performance and handling requirements

Release: 2

Assessment Requirements for MSTCL3001 Identify fabric performance and handling requirements

Modification History

Release 2. Supersedes and is equivalent to MSTCL3001 Identify fabric performance and handling requirements (Release 1).

Prerequisite unit - MSTGN2011 Identify fibres, fabrics and textiles used in the TCF industry is superseded by MSTGN2013 Identify fibres, fabrics and textiles used in the TCF industry.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 LMTCL3001B Identify fabric performance and handling requirements.

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
- locating and interpreting information in Australian Standard AS/NZ 1957:1998 Textiles – Care labelling
- using a range of identification methods to identify key performance characteristics of at least two (2) different examples of each identified fabric type (at least ten (10) fabrics)
- conducting and keeping record of a broad range of performance tests on a variety of fabrics, including at least five (5) different performance tests on five (5) fabric types
- identifying fabric quality of at least ten (10) different fabrics using established quality indicators
- preparing a table to summarise performance characteristics, common problems and faults, appropriate uses, care requirements in handling products, and implications for production, of at least ten (10) different fabrics
- collecting at least two (2) fabric samples to demonstrate at least four (4) different finishes, identifying their application and implications for handling
- identifying care, cleaning and labelling requirements of a sample of at least ten (10) different fabrics or products, to comply with Australian Standards
- recording outcomes 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
- fibre identification:
 - natural fibres, such as cotton, wool, silk, linen
 - man-made, such as rayon and acetate

- synthetic, such as nylon and polyester
- fabric identification methods:
 - identifying physical properties and features and other characteristics determined by clients or markets
 - checking of specifications and manuals
 - consultation with specialists
 - visual inspection
 - tactile analysis
 - acetone
 - burn test
- performance characteristics
- performance testing
- care and cleaning requirements:
 - dry cleaning
 - hand washing
 - washing
 - drying
 - ironing
 - special requirements (e.g. hanging)
 - bleaching
- quality indicators:
 - straight grain
 - even or uneven weave
 - slippage
 - length of fibres
 - pilling
 - even print or dye colour
 - print alignment or sizing
 - fabric resilience
 - workability
 - wash testing
- fabric finishes
- information resources on fibres and 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 identifying fabric performance and handling, 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-b3e1-8fla9b76e92e>