



**Australian Government**

**Assessment Requirements for MSTFD6009  
Analyse fashion industry textiles to guide  
commercial development**

**Release: 1**

# Assessment Requirements for MSTFD6009 Analyse fashion industry textiles to guide commercial development

## Modification History

Release 1. Supersedes and is equivalent to LMTFD6009B Analyse fashion industry textiles to guide commercial development

## 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
- researching textiles used in fashion products to determine properties, qualities, aesthetic and performance characteristics
- investigating new and emerging textiles and textile processing techniques, and global and domestic trends in using textiles for fashion products
- using a range of routine and non-routine tests to gather data on at least ten (10) different textiles, including smart fabrics and new and emerging textiles
- using a range of routine and non-routine tests to gather data on fashion product quality and performance of at least five (5) partially completed or finished fashion products
- analysing features and benefits, disadvantages or risks associated with selected findings
- identifying opportunities and making recommendations on how findings can be used for commercial gain, taking account of intellectual property and ethical practice requirements
- documenting research findings and recommendations, and presenting a report, 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
- sources of information
- qualities of textiles:
  - firmness
  - softness
  - hand
  - weight
  - grain or gauge
  - drape

- porosity
- covering power
- count
- light penetration
- environmental safety
- range of material for testing:
  - raw materials
  - partially finished fashion products
  - finished fashion products
- performance characteristics of textiles:
  - stretch
  - abrasion
  - wearability
  - absorbency
  - durability
  - elasticity
  - heat sensitivity
  - flammability
  - shrink resistance
  - ease of care
  - drape quality
  - colour fastness
  - creep
  - strength
  - recycling
- commercial relevance or objectives for research
- research methodology
- routine testing procedures:
  - visual checking
  - colour matching
  - weighing
  - height/weight/thickness measuring
  - moisture measuring
  - measuring rubbing fastness
  - stretch
  - wear
  - cracking
  - colour
  - gloss
  - softness

- handle
- texture
- light and colour fastness
- heat fastness
- tensile characteristics
- flexibility
- non-routine testing procedures:
  - tests performed in a laboratory environment to laboratory level standards
  - destructive testing
- relevant work health and safety (WHS) legislation, codes of practice, copyright obligations, policies and procedures
- intellectual property (IP) and ethical practice
- quality practices
- workplace practices
- recording and report writing 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 textile analysis and research for commercial development, 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>