



**Australian Government**

# **Assessment Requirements for MSTTF3007 Manufacture textile structures**

**Release: 1**

# Assessment Requirements for MSTTF3007 Manufacture textile structures

## Modification History

Release 1. New unit.

## 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 and other reference material
- applying relevant standards
- interpreting drawings, diagrams, sketches and specifications
- constructing new or replacement textile structure with required materials, hardware and attachments according to relevant standards, on at least two (2) occasions
- complying with all relevant safety requirements in using tools and equipment for handling materials, laying out and marking out
- calculating material quantities, clarifying and checking measurements and task-related information, and measuring lay out and marking out accurately
- sequencing operations to meet specifications and using sewing, welding or gluing techniques, as required, to fabricate product
- fitting required hardware and attachments according to specifications
- fitting and installing product to meet design specifications and quality standards
- completing work systematically with attention to detail without damage to goods and equipment
- applying workplace procedures
- maintaining accurate 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
- textile characteristics
- production process and types of structures, such as:
  - vehicles coverings
  - shade sails
  - awnings
  - marine canopies
  - blinds

- measuring instruments and techniques
- material, hardware and attachments, such as:
  - textiles
  - canvas
  - turnbuckles
  - poles
  - posts
  - wire
  - metal or aluminium frames
  - tensioning hardware
- mathematical processes, geometry and geometrical shapes
- engineering drawing principles and practices
- safe use of tools and equipment used in handling materials, laying out and marking out
- lay out and mark out principles and practices
- factors affecting fabrication and product construction processes, including sewing, welding or gluing techniques
- work health and safety (WHS) and environmental requirements of relevant industry and workplace procedures
- general industry housekeeping policies and procedures
- WHS practices, including hazard identification and control measures
- manufacturer specifications of tools and equipment
- fault identification in materials and textile products, and methods of repair
- identification of equipment faults and methods of repair
- safety and environmental aspects of relevant enterprise activities
- quality practices
- 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 manufacturing textile products, 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>