



Australian Government

Assessment Requirements for MSTTF3009 Create drawings for manufactured textile products

Release: 1

Assessment Requirements for MSTTF3009 Create drawings for manufactured textile products

Modification History

Release 1. Unit code, Title and Application changed. Revised unit merges MSTTF2005 and MSTTF2006. Title changed to better reflect content. Elements and Performance Criteria restructured and simplified. Foundation Skills field populated. Range of Conditions removed with relevant information moved to Knowledge Evidence. Assessment Requirements clarified with generic foundation skills statements moved to appropriate section and duplication with Performance Criteria removed. Supersedes and is not equivalent to MSTTF2005 Translate information into measurements or diagrams and MSTTF2006 Measure and scale geometric shapes.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- interpret customer, site and product information and develop the following using manual techniques or computer-aided design (CAD) programs:
 - concept drawings for at least three products
 - accurate and detailed final drawings and diagrams for at least two products.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- for manufactured textile products:
 - general operating principles of commonly-available products and equipment
 - common types of materials used and their applications and limitations
 - production process
 - common types of strengthening and fastenings
 - existence of environmental and regulatory requirements for manufacture and installation
- basic principles and practices of engineering drawing
- scope of information needed to create drawings
- key inclusions for drawings, including details, positioning and measurements for:
 - openings, fittings or inserts
 - attachments that act as supports, including ropes, struts and retractors
- supporting information to be included either in or with detailed drawings
- mathematical and measuring processes used to translate information from customer information or site visit to detailed drawings:
 - scaling

- processes and formulae for area and volume
- plane geometry and plane geometrical shapes.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - customer, site and product information
 - drawing equipment (manual or computerised).

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

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