



Australian Government

MSTTF2018 Select and handle materials for manufactured textile products

Release: 1

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Modification History

Release 1. Unit code, Title and Application changed. Title adjusted to reflect content is about more than just canvas and sail material. Elements and Performance Criteria restructured and simplified with Element 1 and 2 combined. 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 equivalent to MSTTF2009 Identify and select canvas and sail materials.

Application

This unit describes the skills and knowledge required to identify, select, handle and store materials used in manufactured textile products such as canvas and sail products.

This unit applies to individuals working in accordance with pre-determined specifications and established procedures.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Competency Field

Textile fabrication

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Identify materials for job requirements	1.1 Identify job requirements from work documentation 1.2 Identify materials by appearance, texture, density, stock labels and product codes 1.3 Check stock labels or tags against product codes and manufacturer specifications to confirm correct identification
2. Select materials	2.1 Check materials stocks and confirm sufficient quantities of materials are available to meet job requirements 2.2 Check materials and confirm they conform to specifications, descriptions and relevant quality standards

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
3. Handle and store materials	3.1 Follow work health and safety practices and work procedures when examining stock 3.2 Identify the need for equipment or team lifting based on nature of materials and level of risk 3.3 Identify and use appropriate lifting equipment to lift heavy or awkward loads in accordance with workplace procedures 3.4 Use appropriate posture and lifting techniques for manual handling of materials 3.5 Store materials in accordance with workplace procedures and manufacturer recommendations

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Reading skills to interpret familiar workplace procedures and work documentation
- Numeracy skills to check and count stock items and interpret numerical information on stock labels and in work specifications.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

Release 1. Supersedes and is equivalent to MSTTF2009 Identify and select canvas and sail materials.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for MSTTF2018 Select and handle materials for manufactured textile products

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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:

- select appropriate materials for five different manufactured textile jobs
- complete the following for five different materials:
 - locate and interpret technical information
 - follow safe handling procedures when inspecting, moving or storing materials.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- safe work practices and procedures for materials handling, including:
 - use of personal protective equipment (PPE)
 - manual handling techniques that support safe work practice and types, uses and limitations of tools and equipment used to support manual handling of products
 - processes and communication protocols for team lifting
- basic manufactured textile product construction principles and methods
- key aspects of materials used in the canvas and sail industry:
 - types, characteristics, uses and limitations of:
 - fibres and yarns
 - ropes
 - dacron, nylon and composite sail cloths
 - attachments (metal and non-metal)
 - adhesives
 - industry applications of different materials
 - relative advantages and disadvantages of various materials for particular applications
 - joining characteristics of different materials
 - quality indicators

- labelling principles and practices, including ‘care’ labelling
- storage and handling requirements and systems
- environmental protection and sustainability considerations
- workplace procedures for stock administration.

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:
 - work documentation
 - materials for textile fabrication products
 - storage areas
 - moving equipment
 - workplace procedures.

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

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