



Australian Government

Assessment Requirements for MSTTF3012 Cut and join sail panels

Release: 1

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Modification History

Release 1. Unit code and Application changed. Elements and Performance Criteria 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 MSTTF3006 Cut and join sail panels.

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:

- cut and join at least three different sail types or three sails of different sizes to specifications and workplace quality standards using each of the following methods at least once:
 - sewing
 - adhesive bonding.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- current Australian Standards for sailmaking and their basic requirements
- work health and safety requirements including:
 - use of personal protective equipment (PPE)
 - safe manual handling techniques for sailcloth
 - hazard identification and control measures
- environmental and waste-management requirements of sail making industry
- sail types for various uses and boat sizes
- sail cloths commonly used in sail making, and their performance factors
- tools and equipment used for cutting and joining sail panels
- manual plotting and marking techniques
- cross-cut, radial and membrane panel layouts
- operating principles of sewing machines used
- needle, thread and stitch specifications
- adhesives used in sail making, and practices and procedures for application
- curing requirements
- procedures for strength testing of joined sail cloth
- documentation requirements for sail production:

- record of inconsistencies or faults
- record of adhesives, materials and processes used
- instructions for finishing
- time and date
- labelling
- packing or transfer information.
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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:
 - sail design specifications
 - sail cloth
 - cutting and joining tools, equipment and materials
 - workplace procedures.

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>