



Australian Government

Assessment Requirements for MSTAT2005

Sew materials by machine

Release: 1

Assessment Requirements for MSTAT2005 Sew materials by machine

Modification History

Release 1. Unit code, Title and Application changed. Merges duplicating content of MSTFD2006, MSTCL2021 and MSTCL2023. Title changed for broader application. Elements and Performance Criteria simplified with Elements 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 not equivalent to MSTFD2006 Use a sewing machine for fashion design. Supersedes and is not equivalent to MSTCL2021 Use a sewing machine. Supersedes and is not equivalent to MSTCL2023 Sew components.

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:

- complete machining tasks on at least three articles (either a complete article or component parts of an article) to required quality standards, demonstrating the following skills in any combination on a domestic or industrial sewing machine:
 - sewing of at least two different fabrics
 - aligning and sewing straight seams
 - joining flat pieces of stable fabric together
 - stitching:
 - top stitch
 - edge stitch
 - stitching curves
 - open seams
 - closed seams
 - lapped seams
 - hems, including double fold, rolled, blind and stitched hem
 - creating darts or pleats
 - gathering, easing or tucking.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- for basic machine sewing:
 - components and basic operating features of sewing machines and associated safety considerations

- machining techniques to complete the sewing operations identified in the Performance Evidence
- typical problems that arise and how these are addressed, including problems that require action to:
 - correct or re-do work
 - recycle fabric and start again
 - adjust machine settings, threading, tension, foot and needle
 - revise choice of fabric, thread or stitching
- characteristics of stable woven and knitted fabrics and threads
- quality indicators for sewn products
- ways to minimise waste
- types of information included in production documentation.

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 specifications
 - work pieces for sewing (at least 2 fabrics)
 - sewing machine and threads.

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>