



Australian Government

MSTAT3004 Make markers for complicated fabrics and lays

Release: 1

MSTAT3004 Make markers for complicated fabrics and lays

Modification History

Release 1. Unit code, Title and Application changed. Prerequisite unit removed. 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 not equivalent to MSTCL3012 Make marker for complicated fabrics and lays.

Application

This unit describes the skills and knowledge required to make markers as part of the apparel and textile production process in situations involving complex patterns and a variety of fabrics and lays. It includes two-way markers, fabrics with directional patterns and manipulation of pattern pieces with a variety of shapes. Often this task is completed in conjunction with the lay up and cutting process. Work may be completed using manual or computer-aided techniques.

This unit applies to individuals working in accordance with pre-determined specifications and established procedures using discretion and judgement to manage tasks involving some complexity.

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

Apparel and Textile Production

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. Prepare to make marker	1.1 Determine marker requirements from work specifications 1.2 Prepare equipment and working area in accordance with job requirements 1.3 Obtain required pattern pieces and confirm completeness and readiness for marker making
2. Draft and confirm marker	2.1 Manipulate pattern pieces and position for most efficient use of fabric

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	2.2 Check pattern grain indication against grain of material 2.3 Draw up marker according to pattern requirements 2.4 Check marker against work requirements and copy in accordance with workplace procedures

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
- Writing skills to communicate simple factual information in familiar work documents
- Numeracy skills to interpret numerical information in specifications and use estimating skills to manipulate pattern pieces

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

Unit Mapping Information

No equivalent unit.

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 MSTAT3004 Make markers for complicated fabrics and lays

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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:

- manipulate pattern pieces to make markers that make most efficient use of fabric for at least two textile products using manual or computer-aided techniques, with work to include the following in any combination:
 - multiple pieces of varying shapes (at least three)
 - fabric with directional pattern
 - two-way markers.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- role and objectives of marker making
- pattern features and pattern information required to make markers
- similarities and differences between manual and computer-aided marker making
- marker-making preparation requirements and considerations:
 - checks to confirm fabric quality
 - nature of fabric
 - impact of directional fabrics
 - product quantity
 - product sizes
 - wastage allowances
- techniques for marker making efficiency
- requirements for copying and storage of markers.

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
 - pattern pieces
 - fabrics
 - marking equipment
 - workplace procedures.

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

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