



**Australian Government**

# **MSTCL3012 Make marker for complicated fabrics and lays**

**Release: 1**

# MSTCL3012 Make marker for complicated fabrics and lays

## Modification History

Release 1. Supersedes and is equivalent to LMTCL3012B Make marker for complicated fabrics and lays

## Application

This unit of competency covers the skills and knowledge required to make markers for complicated fabrics and lays.

The unit of competency applies to marker-making for multiple garments and layers of fabric before lay-up and cutting, in situations involving complex patterns and a variety of fabrics and lays, using computer-aided or manual processes. It may include two-way markers.

It may include directional fabrics and a number of pattern pieces with a variety of shapes, such as shirts, blouses, trousers, jackets, dresses and skirts.

Work involves discretion, initiative and judgement within defined procedures. Manual or computer-aided techniques may be used.

Work may be conducted in small to large scale enterprises and may involve individual and team activities.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

## Pre-requisite Unit

MSTCL2007 Lay up, mark and cut uncomplicated fabrics and lays

## Competency Field

Clothing production

## Unit Sector

Not applicable

## Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

- |                        |                                                        |
|------------------------|--------------------------------------------------------|
| <b>1 Determine job</b> | <b>1.1 Follow standard operating procedures (SOPs)</b> |
|------------------------|--------------------------------------------------------|

|                     |                               |     |                                                                                           |
|---------------------|-------------------------------|-----|-------------------------------------------------------------------------------------------|
| <b>requirements</b> |                               | 1.2 | Comply with work health and safety (WHS) requirements at all times                        |
|                     |                               | 1.3 | Use appropriate personal protective equipment (PPE) in accordance with SOPs               |
|                     |                               | 1.4 | Identify job requirements from specifications, drawings, job sheets or work instructions  |
| 2                   | <b>Prepare to make marker</b> | 2.1 | Set up and prepare work area and equipment according to workplace procedures              |
|                     |                               | 2.2 | Identify marker requirements                                                              |
|                     |                               | 2.3 | Collect required pattern pieces and check manually or by computer                         |
| 3                   | <b>Draft lay marker</b>       | 3.1 | Manipulate pattern pieces and position for most efficient use of fabrics                  |
|                     |                               | 3.2 | Check pattern grain indication against grain of material                                  |
|                     |                               | 3.3 | Draw up lay marker according to pattern requirements                                      |
|                     |                               | 3.4 | Prepare laying-up instructions according to requirements                                  |
| 4                   | <b>Position marker</b>        | 4.1 | Check marker against order requirements and copy marker either manually or by computer    |
|                     |                               | 4.2 | Place marker on lay                                                                       |
|                     |                               | 4.3 | Check marker and lay alignment and take appropriate action according to job specification |

## Foundation Skills

This section describes those required skills (language, literacy and numeracy) that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

## Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

**Workplace procedures include one or more of the following:**

- requirements prescribed by legislation, awards, agreements and conditions of employment
- SOPs
- work instructions
- oral, written and visual communication
- quality practices, including responsibility for maintenance of own work quality and contribution to quality improvement of team or section output
- housekeeping
- tasks related to environmental protection, waste disposal, pollution control and recycling
- WHS practices

**Australian Standards include:**

- the relevant industry or Australian Standards that are current at the time this unit is being undertaken

**Work area includes one or more of the following:**

- computer workstation
- air flow and flotation tables
- cutting table
- seating

**Equipment includes one or more of the following:**

- computers and required software
- patterns
- marker card or paper
- fabric
- marker card or paper
- weights
- clamps

**Marker requirements include the following:**

- fabric type
- fabric width
- product quantity
- garment sizes
- wastage allowances

**Manipulate and position includes one or more of the following:**

- manually onto paper
- manually directly onto the fabric
- using appropriate computer software

**Fabric includes one or more of the following:**

- wovens, such as:
  - denim
  - wool suitings
  - corduroy
  - satins
  - chiffon
  - rayons
- knits such, as:
  - polar fleece
  - double knits
  - single knits
  - tricot
  - directional and checked patterned fabrics

## Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTCL3012B Make marker for complicated fabrics and lays

## 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 MSTCL3012 Make marker for complicated fabrics and lays**

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## **Performance Evidence**

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria, and include:

- reading and following work instructions, standard operating procedures (SOPs), safe work practices
- applying relevant standards
- interpreting work or job specifications and cutting order as it applies to marker-making
- setting up manual or computer drafting equipment before commencement of marker-making operations
- collecting required pattern pieces and checking manually or by computer
- manipulating pattern pieces using manual or computer techniques to make at least two (2) markers that make most efficient use of fabric involving complex patterns, a variety fabrics and lays
- checking marker against order requirements and copying marker either manually or by computer
- placing marker on lay
- checking marker and lay alignment and taking appropriate action according to job specification.

## **Knowledge Evidence**

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- relevant Australian Standards
- marker-making techniques
- garment components
- pattern features
- characteristics of fabrics and other materials used in garment assembly, such as woven fabrics (denim, wool suitings, corduroy, satins, chiffon and rayons) and knits (polar fleece, double knits, single knits and tricot)
- impact on marker of directional fabrics
- computer operations for marker-making, copying and storage
- quality standards and practices
- workplace procedures

- recording and reporting practices.

## Assessment Conditions

- Assessors must:
  - satisfy the assessor competency requirements that are in place at the time of the assessment, as set by the VET regulator
  - have vocational competency in making marker for complicated fabrics and lays, at least to the level being assessed, with relevant industry knowledge and experience.
- Assessment should occur in operational workplace situations. Where this is not possible, or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment reflecting realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications associated with this unit.

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