



**Australian Government**

# **MSTCL4003 Measure, lay up and cut custom-made garments**

**Release: 1**

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## **Modification History**

Release 1. Supersedes and is equivalent to LMTCL4003A Measure, lay-up and cut custom-made garments

## **Application**

This unit of competency covers the skills and knowledge required to perform cutting to order for one-off single lays within the clothing industry.

This unit applies to measuring, laying-up and cutting material to produce custom-made garments. The unit includes skills and knowledge to assess all relevant body characteristics and determine, measure and interpret relevant body measurements. Discretion and judgement may be required, for both self and others, in planning and selecting processes, procedures or outcomes.

The degree of complexity may vary depending on characteristics of the fabrics being used and intricacy of design. Measuring and laying up tasks may be associated with operations where size, shape and cost of fabric are significant. The unit includes skills and knowledge to select or modify the pattern and perform cutting to meet design requirements and any special needs of the client.

Measuring, cutting and pattern selection or alteration may be combined in made to measure specialist order cutting.

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**

Nil

## **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.

- |   |                                            |                                                                                                            |
|---|--------------------------------------------|------------------------------------------------------------------------------------------------------------|
| 1 | <b>Determine job requirements</b>          | 1.1 Follow standard operating procedures (SOPs)                                                            |
|   |                                            | 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 cut custom-made garments</b> | 2.1 Obtain relevant body measurements of client                                                            |
|   |                                            | 2.2 Interpret garment measurements to suit special body characteristics of client                          |
|   |                                            | 2.3 Consult client to confirm design and pattern requirements                                              |
|   |                                            | 2.4 Determine preferred fabric and incorporate special needs of the client into the design, where required |
|   |                                            | 2.5 Chalk design into the pattern or select/modify the pattern to meet the requirements                    |
|   |                                            |                                                                                                            |
| 3 | <b>Lay up and cut material</b>             | 3.1 Check material for quality, faults, width, selvages, dye lot and marking requirements                  |
|   |                                            | 3.2 Lay up material and check alignment to ensure conformance to specifications                            |
|   |                                            | 3.3 Cut material to meet design requirements and measurements of the pattern                               |
|   |                                            | 3.4 Prepare all relevant paperwork and documentation in accordance with workplace procedures               |

## 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
- PPE
- 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

**Body measurements include one or more of the following:**

- height and weight
- reference points, such as nape, waist point, seat vertex, abdomen vertex, carpus, neck base, upper sternum, bust point and pelvic bone
- levels, such as crown, shoulder, armscye, bust or chest, waist, hip, crotch and knee
- girth measurements, such as waist, bust or chest, hip, high hip, upper and under bust, head circumference, upper arm, wrist, thigh, calf, ankle, heel/instep
- horizontal measurements, such as shoulder, shoulder breadth, across front, across back and bust point to bust point
- vertical measurements, such as nape to centre back waist, nape to neck base, nape to bust or chest, nape to waist, nape to wrist, centre front waist to floor, centre back waist to floor, right-hand side waist to floor, left-hand side waist to floor, waist to hip, inside leg, body rise, arm length, and neck length
- cup size
- shoe size
- seat prominence
- thigh
- knee

- instep
- calf
- posture

**Body characteristics include one or more of the following:**

- genetic, developmental and structural influences
- shape classifications, such as hourglass, rectangular, pea and inverted triangle
- anthropometric classifications (somatotypes)
- shoulder slope (raised, normal and sloping)
- body sway and postural asymmetry (according to lower and upper body)
- proportions (tall, short or average, short or long-waisted and mid-body shortness)

**Lay-up and cut material includes the following:**

- laying-up tasks associated with laying-up operations where size, shape and cost of fabric are significant
- measuring, cutting and pattern selection or alteration combined in custom-made specialist order cutting

## Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTCL4003A Measure, lay-up and cut custom-made garments

## Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>