



Australian Government

MSTFD5019 Analyse individual fit and make pattern alterations

Release: 1

MSTFD5019 Analyse individual fit and make pattern alterations

Modification History

Release 1. Supersedes and is equivalent to LMTFD5019B Analyse individual fit and make pattern alterations

Application

This unit of competency covers the skills and knowledge required to analyse the fit of a garment or toile on the individual body, make necessary adjustments and alter the pattern.

The unit of competency applies to fitting a garment or toile, making size and fit alterations on the garment or toile, then transferring these alterations to the pattern.

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

MSTCL3009 Develop patterns from a block using basic patternmaking principles

MSTFD4010 Create pattern to meet design specifications applying advanced patternmaking principles

Competency Field

Fashion design and technology

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 Determine job requirements

- | | |
|-----|--|
| 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	Assess body characteristics	2.1	Prepare tools and equipment for altering patterns
		2.2	Assess body characteristics to identify individual and unique features that may create fit problems
		2.3	Record information on individual body characteristics and potential fit issues
3	Fit garment or toile on individual	3.1	Place garment or toile on the individual and check comfort and fit
		3.2	Reach agreement with individual and make necessary adjustments to garment or toile
		3.3	Develop work schedule with individual for future and final fittings
4	Make pattern alterations	4.1	Record details of required alterations and transfer garment or toile alterations to the pattern
		4.2	Finalise pattern with alterations and check it is accurate, complete and complies with design specifications
		4.3	Complete pattern specification sheet, attach to pattern for storage and file appropriately

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 requirements

Australian Standards include:

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

Body characteristics include one or more of the following:

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

Unique body features include one or more of the following:

- common postural faults, such as forward head, rounding of shoulders, anterior/ posterior pelvic tilts, sway back and flat back
- prominent features, such as protruding abdomen, bust or seat
- spinal and pelvic rotation
- foot alignment, such as supinated or pronated foot
- arm types, such as very thin or heavy
- leg types, such as bow legs or knock knees
- neck length

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTFD5019B Analyse individual fit and make pattern alterations

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 MSTFD5019 Analyse individual fit and make pattern alterations

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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) and safe work practices
- applying relevant standards
- recording information on individual body characteristics and unique features that may create fit problems
- fitting at least two (2) garments or toiles on the individual, checking comfort and fit, and reaching agreement with individual on necessary adjustments to garment or toile
- keeping a record of alterations needed to allow for individual differences, transferring garment or toile alterations to the pattern and producing final adjusted pattern that complies with design specifications
- completing pattern specification sheet, attaching to pattern for storage and filing appropriately.

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
- patternmaking principles and practices
- sizing and fitting practices
- tools and equipment for pattern alterations, such as:
 - manual or electronic tape measure
 - image capturing devices
 - pen/pencil
 - measure chart
 - tape, cord or elastic
 - eraser
 - Australian Standard Chart
- structural anatomy impacting on design:
 - skeletal development

- muscle development
- body morphology:
 - shape
 - form
 - fat distribution
- body characteristics
- unique body features
- pattern alterations required to respond to individual differences, such as:
 - skirt:
 - length
 - circumference/width
 - waist and hips
 - full high hips
 - sway back
 - large bottom
 - flat bottom
 - high rounded stomach
 - prominent hip bones
 - bodice:
 - length
 - circumference/width
 - waist
 - bust/bust darts
 - shoulders
 - bottle neck
 - chest
 - back
 - basic fitted dress
 - sleeve:
 - length
 - circumference/width
 - pants:
 - length
 - circumference/width
 - waist and hips
 - full high hips
 - sway back
 - large bottom
 - flat bottom
 - high rounded stomach

- prominent hip bones
- related alterations, such as full stomach/thick front waist, one high hip
- pronounced rounded back/hollow chest
- workplace procedures
- record keeping.

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 individual fit and pattern making, 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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