



Australian Government

MSTFD4008 Construct stock size block for garment to meet size and fit specifications

Release: 1

MSTFD4008 Construct stock size block for garment to meet size and fit specifications

Modification History

Release 1. Supersedes and is equivalent to LMTFD4008B Construct stock size block for garment to meet size and fit specifications

Application

The unit of competency covers the skills and knowledge required to construct blocks to meet size and fit specifications in garment production. Blocks are used as the basis for patternmaking to develop new styles.

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

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	Prepare to construct block	2.1	Interpret and clarify size and fit specifications and Australian Standards with designer or relevant personnel
		2.2	Identify base size to be constructed and check for compatibility with fit model
		2.3	Evaluate and record size and fit model specifications, body movement and comfort requirements
		2.4	Select appropriate drafting principles and methods for block construction
3	Construct initial block	3.1	Analyse measurements of fit model and enter data into block drafting formulas and methodology
		3.2	Determine ease allowance
		3.3	Construct block using patternmaking technical skills and ensure compliance with safe work practices and industry requirements
		3.4	Document methods and formulas
		3.5	Cut and construct toiles to check accuracy
4	Complete final block	4.1	Transfer information from toiles to blocks, including any minor adjustments
		4.2	Label final blocks and check all necessary information is accurate and complete and complies with specifications
		4.3	File and store blocks according to appropriate criteria and complete all required documentation

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

Fit model includes one or more of the following

- male
- female
- child

Garments include one or more of the following:

- skirts
- trousers/pants
- shirts/blouses
- dresses
- coats
- lingerie

Measurement of fit model includes the following:

- accurate assessment of body measurement positions (reference points, such as bust, waist and hip levels)
- accurate taking of body measurements, including girth, and vertical and horizontal measurements
- reference to Australian Standard measurements
- age
- sex
- assessment of physical characteristics, including body characteristics and unique features, as aligned with

standard representation

Construct toiles includes the following:

- confirming correct proportion, fit and balance
- fitting and making necessary minor adjustments
- evaluating accuracy of toiles in relation to fit, comfort and base size specifications

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTFD4008B Construct stock size block for garment to meet size and fit specifications

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 MSTFD4008 Construct stock size block for garment to meet size and fit specifications

Modification History

Release 1. Supersedes and is equivalent to LMTFD4008B Construct stock size block for garment to meet size and fit specifications

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
- interpreting and clarifying size and fit specifications and Australian Standards
- recording size and fit model specifications, body movement and comfort requirements
- analysing measurements and entering data into block drafting formulas
- constructing initial block and documenting methods and formulas for at least two (2) different garments
- constructing and adjusting toiles or prototypes, and modifying block as required
- labelling final blocks and checking all necessary information is accurate and complete and complies with specifications
- filing and storing blocks according to appropriate criteria and maintaining records.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- Australian fashion industry standards
- body sciences:
 - structural anatomy
 - morphology
 - anthropometry
- garment construction
- garment features:
 - fitting and seam lines
 - style lines
 - yokes, gores and panels
 - necklines
 - sleeves
 - collars
 - zips and buttons

- pockets
- waistbands
- garment measurements:
 - circumference and linear measurements
 - measuring across the top of the shoulder of the garment
 - sleeve
 - underarm to side seam
 - neck circumference
 - waist circumference
- garments, such as:
 - skirts
 - trousers/pants
 - shirts/blouses
 - dresses
 - coats
 - lingerie
- drafting principles and block construction
- patternmaking technical skills
- computer aided design relevant to block construction
- block making methods and formulas:
 - deviations from standard patterns
 - sources of pattern components
 - pattern derivation methods and formulas
 - block construction methods and formulas
 - application of current industry practice
- ease allowance:
 - relating to fit and comfort
 - relating to style requirements
- toile construction
- filing criteria for blocks:
 - date
 - category
 - label
 - location
 - gender
 - age

Assessment Conditions

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>