



Australian Government

Department of Education, Employment and Workplace Relations

LMTFD4008B Construct stock size block for garment to meet size and fit specifications

Release: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor This unit covers the skills and knowledge to construct stock size blocks according to size and fit specifications.

Application of the Unit

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The unit applies to the construction of blocks for use in garment production to meet size and fit specifications. Blocks are used as the basis for pattern making to develop new styles.

Work conducted requires some discretion and judgment.

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

The application of this unit is according to OHS practices of the enterprise and workplace practices, which may include:

- requirements prescribed by legislation, awards agreements and conditions of employment
- standard operating procedures
- 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

This unit requires skills associated with communication to interpret documentation relating to quality standards, specifications, measurement and sizing. Planning and organisation and problem solving skills are required to construct stock size blocks according to size and fit specifications. Self management skills are used to confirm work meets quality requirements.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisites

Employability Skills Information

Employability Skills This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Not applicable.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1 Interpret size and fit	<p>1.1 Size and fit specifications and Australian Standards are interpreted and clarified with designer or relevant personnel.</p> <p>1.2 Base size to be constructed is identified.</p> <p>1.3 Base size and fit model are checked for compatibility.</p> <p>1.4 Size is evaluated and recorded in relation to specification of fit model, body movement and comfort.</p>
2 Construct block	<p>2.1 Appropriate drafting principles and methods are selected for block construction.</p> <p>2.2 <i>Measurements of fit model</i> are analysed and input into block drafting formulas and methodology.</p> <p>2.3 <i>Ease allowance</i> is determined.</p> <p>2.4 Block is constructed using <i>patternmaking technical skills</i> and <i>OHS practices</i> and checked to ensure compliance with requirements.</p> <p>2.5 <i>Methods and formulas</i> used are documented.</p>
3 Construct and assess toiles	<p>3.1 Toiles are accurately cut and constructed from block.</p> <p>3.2 Correct proportion, fit and balance is confirmed by fitting and necessary minor adjustments are made.</p> <p>3.3 Accuracy of toiles is evaluated in relation to fit, comfort and appropriate to base size specifications.</p>
4 Develop and complete final block	<p>4.1 Information from toiles, including any minor adjustments is transferred to blocks.</p> <p>4.2 Final blocks are completed, labelled and checked for accuracy and completeness of all necessary information, and to ensure compliance with specifications.</p>
5 Maintain records	<p>5.1 Blocks are <i>filed</i> and stored.</p> <p>5.2 All required documentation is completed.</p>

Required Skills and Knowledge

This describes the essential skills and knowledge and their level, required for this unit.

Demonstrates knowledge of:

- size standards
- industry, global and local trends
- detailed knowledge of garment construction
- OHS practices, including hazard identification and control measures
- quality practices
- workplace practices
- recording and reporting practices

Demonstrates skills to:

- construct garment toiles or prototypes
- develop the final blocks and recommend alternative construction methods
- use manual or CAD systems
- compile information
- communicate effectively with individuals, work groups and supervisors
- select, interpret and apply procedures, processes and motor skills
- prepare and present reports and information in appropriate formats
- consistently achieve quality and production output requirements
- read, interpret and follow information on work specifications, standard operating procedures and work instructions, and other reference material
- maintain accurate records
- sequence operations
- meet specifications
- clarify and check task-related information
- carry out work according to OHS practices

Evidence Guide

The Evidence Guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for the Training Package.

Critical aspects of evidence	Demonstrates skills and knowledge to: <ul style="list-style-type: none">• interpret size• measure fit model• construct and check blocks• develop and adjust toiles• communicate effectively with design team, customers, etc.• apply OHS practices in work operations• maintain accurate records
Consistency in performance	Consistently applies skills and knowledge when: <ul style="list-style-type: none">• organising work• completing tasks• identifying improvements• using workplace practices• using OHS practices• recording and reporting accidents and incidents• assessing operational readiness of equipment used and work processes• recognising and adapting to cultural differences in the workplace, including modes of behaviour and interactions• completing work systematically with attention to detail without damage to goods and equipment
Resource implications	Access is required to real or appropriately simulated situations, including work areas, materials and equipment, and to information on workplace practices and OHS practices.
Context for assessment	Assessment may occur on the job or in an appropriately simulated environment.
Interdependent assessment	This unit may be assessed independently or in combination with other relevant units.

Range Statement

RANGE STATEMENT

The Range Statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the Performance Criteria, is detailed below. Add any essential operating conditions that may be present with training and assessment depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts.

Legislative/regulatory requirements	All work must comply with relevant Federal and State or Territory legislative or regulatory requirements.
Measurement of fit model must include:	<ul style="list-style-type: none"> • accurate assessment of body measurement positions (reference points such as bust, waist, hip levels) • accurate taking of body measurements, including girth, 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
Fit model may be:	<ul style="list-style-type: none"> • male • female • child
Ease allowance may be:	<ul style="list-style-type: none"> • relating to fit and comfort • relating to style requirements
Patternmaking technical skills may include:	<ul style="list-style-type: none"> • motor and drawing skills • calculation and accuracy abilities • interpretation and presentation skills
Methods and formulas may include:	<ul style="list-style-type: none"> • deviations from standard patterns • sources of pattern components • pattern derivation methods and formulas • block construction methods and formulas • application of current industry practice
OHS practices	<p>OHS practices must include hazard identification and control, risk assessment and implementation of risk reduction measures specific to the tasks described by this unit and may include:</p> <ul style="list-style-type: none"> • manual handling techniques • standard operating procedures • personal protective equipment

- safe materials handling
 - taking of rest breaks
 - ergonomic arrangement of workplaces
 - following marked walkways
 - safe storage of equipment
 - housekeeping
 - reporting accidents and incidents
 - other OHS practices relevant to the job and enterprise
- Filed may include
- filing by date, category, label, location, gender and age

Unit Sector(s)

Sector Fashion Design and Technology