



Australian Government

Department of Education, Employment and Workplace Relations

LMTCL2007B Lay up, mark and cut uncomplicated fabrics and lays

Revision Number: 1

LMTCL2007B Lay up, mark and cut uncomplicated fabrics and lays

Modification History

Not applicable.

Unit Descriptor

Unit descriptor This unit covers the skills and knowledge to lay up, mark and cut uncomplicated fabrics and lays.

Application of the Unit

Application of the Unit

The unit applies to situations where single garments or only a couple of layers of fabric are to be cut. The marker may be developed directly on the fabric lay or planned separately and applied. Patterns are likely to have uncomplicated shaping and few pieces such as T-shirts, straight or A-line skirts, shift dresses, tracksuits, section crowns, brims, tips, side bands, berets.

Work involves some discretion, initiative and judgement.

Manual or computer aided techniques may be used.

Work is conducted according to defined procedures.

Work may be conducted in small to large scale enterprises and may involve individual and team 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 the application of skills associated with planning and organising to prepare work for layout, marking up and cutting. Problem solving skills are required to ensure fabric conforms to requirements and identify any production problems. Communication skills are used to refer to and complete required documentation. Self management skills are used to ensure safe use of technology and conformance of own work to quality standards.

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 Prepare workstation	1.1 Workstation, cutting table and seating are set up according to OHS practices and specifications for work. 1.2 Cutting equipment is cleaned, checked and servicing assessed according to manufacturer instructions. 1.3 Cutting table is prepared to suit correct lay length. 1.4 Lay-up and marking equipment is set up and prepared for use.
2 Lay-up fabric	2.1 Lay-up instructions are interpreted. 2.2 Fabric is collected and checked. 2.3 Fabric width and quality are checked with lay-up instructions. 2.4 Fabric is laid up and fabric tension adjusted to match fabric performance. 2.5 Fabric is checked for faults and required action taken to cut out faults or other appropriate techniques.
3 Draft lay marker	3.1 Cutting order is interpreted for marking requirements such as fabric type, width, quantity and garment sizes. 3.2 Required pattern pieces are collected and checked manually or by computer. 3.3 Pattern pieces are manipulated and positioned manually on paper or by computer for most efficient fabric use. 3.4 Lay marker is drawn up manually or by computer. 3.5 Lay-up instructions are prepared according to requirements.
4 Copy marker	4.1 Marker is checked against requirements. 4.2 Marker is copied either manually or by computer.
5 Position marker	5.1 Marker is placed on lay. 5.2 Marker and lay alignment are checked and appropriate action taken according to job specifications
6 Cut work	6.1 Lay is cut using cutting equipment according to requirements for operation. 6.2 Cut work is inspected, any faults identified and appropriate action taken to ensure cut pieces meet required quality standards. 6.3 Preventative action is taken to avoid any recurrence of defective pieces, and is recorded. 6.4 Performance of cutting equipment is regularly checked for signs of faulty operation, including evidence from inspection of cut pieces, and any required action is taken. 6.5 OHS practices are followed. 6.6 Action is taken according to OHS practices to prevent accidents and to eliminate risks to personal safety.

ELEMENT	PERFORMANCE CRITERIA
7 Complete work	7.1 Cut work is directed to next operation and work area is cleaned and prepared for next job. 7.2 Master copy of lay marker is stored in filing drawer or computer as appropriate.

Required Skills and Knowledge

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

Demonstrates knowledge of:

- characteristics of fabrics and other materials used in garment assembly such as woven fabrics (poplin, drill, flannelette) and knitted fabrics (rugby knit, double knit)
- fabric faults
- pattern identification
- computer operations involved in marker-making, copying and storage
- quality standards and practices
- OHS practices, including hazard identification and control measures
- workplace practices
- recording and reporting practices

Demonstrates skills to:

- draft markers using either manual or computer techniques
- handle, receive and assemble garments
- read, interpret and follow information on work specifications, standard operating procedures and work instructions, and other reference material
- maintain accurate records
- communicate within the workplace
- 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: • check work against work specification or cutting order • set up manual or computer drafting equipment before commencement of marker-making operations • make markers involving patterns, uncomplicated fabrics and lays, using manual or computer techniques • prepare cutting table and work before commencing cutting operations • use cutting techniques • use lay-up techniques • apply workplace OHS practices in work operations • maintain accurate records
Consistency in performance	Consistently applies skills and knowledge when: • organising work • completing tasks according to instructions • working systematically with attention to detail • identifying improvements and avoiding damage • using workplace practices • using OHS practices • recording and reporting accidents and incidents • assessing operational readiness of equipment • recognising and adapting to cultural differences in the workplace, including modes of behaviour and interactions
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.
OHS practices	OHS practices include hazard identification and control, risk assessment and implementation of risk reduction measures specific to the tasks described by this unit, and may relate to: • 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 • environmental practices
Cutting equipment may include:	• dressmaker's shears • cutting mats • straight-blade cutter
Lay-up and marking equipment may include:	• computers and required software • patterns • fabric • marker card or paper • weights • clamps
Fabric may include:	• woven fabrics such as: • poplin • drill • flannelette • knitted fabrics such as: • rugby knit • double knit • designs such as:

- stripes
- one-way designs
- plaids

Unit Sector(s)

Sector Clothing Production