



Australian Government

Department of Education, Employment and Workplace Relations

LMTFD4007B Conduct quality assurance for patterns and garments

Revision Number: 1

LMTFD4007B Conduct quality assurance for patterns and garments

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit covers the skills and knowledge to apply quality assurance standards to work operations in the pattern-making industry.
------------------------	---

Application of the Unit

Application of the Unit	The unit applies to quality assurance standards that are required in the pattern-making industry to ensure that the garment produced from the pattern meets all requirements of the design specifications. 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 verify sizing and identify quality deviations. 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 Describe quality process	1.1 Specification document is analysed, checked for accuracy and completeness. 1.2 Input and output requirements are identified and described. 1.3 Garment measurement table is identified. 1.4 Quality process for development of patterns is described. 1.5 Integrity and validity of base pattern is checked to ensure seams match, darts are proved etc. 1.6 Block and pattern appropriateness is determined and evaluated for design. 1.7 Construction and finishing methods are described. 1.8 Australian Standards are identified and described for patterns and garment construction.
2 Measure garment	2.1 Tools and equipment are obtained and set up in readiness for use according to OHS practices. 2.2 Garment is obtained and laid out for measuring. 2.3 Garment measurements are taken accurately and compared to specifications within garment measurement table. 2.4 Any problems with garment are identified and recorded. 2.5 Problems are reported to designer, patternmaker and sample machinist.
3 Verify garment sizing	3.1 Different sizes are identified and explained. 3.2 Body measurements are compared to garment sizing. 3.3 Grading increments across different styles are identified. 3.4 Body measurements of base size are verified. 3.5 Where required, size chart is developed.
4 Identify quality deviations	4.1 Fabric performance and testing information is obtained and verified against label information. 4.2 Faults or production problems for garment construction or patterns are identified. 4.3 Suitable preventative or corrective action is recommended based on quality standards.
5 Despatch work	5.1 Garment or article is checked against specifications. 5.2 Tickets, labels and swing tags are attached as required according to Australian Standards. 5.3 Boxing, packing, bagging, folding and hanging are performed according to environmental legislation. 5.4 Completed garments or articles are despatched. 5.5 Quality assurance, production and other records are completed.

Required Skills and Knowledge

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

Demonstrates knowledge of:

- OHS practices, including hazard identification and control measures
- quality practices
- workplace practices
- recording and reporting practices

Demonstrates skills to:

- 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
- 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: • interpret relevant work instructions, standards and specifications • measure and check the relevant quality parameters • interpret the results of quality checks in terms of specifications, patterns and work standards • take action as required where quality assurance has not been met • maintain accurate records
Consistency in performance	Consistently applies skills and knowledge when: • 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.

Construction and finishing methods may include	• seam finishes such as flat seam, blind hem, French seam • allocation of seam allowance • stitches such as straight, zigzag, overlock, buttonholes • stitch requirements • pressing such as steam, heat, iron
Tools and equipment may include	• tape measure • pen/pencil • measurement or size chart or table • eraser • Australian Standard Chart

OHS practices

Garment measurements	Garment measurements include circumference and linear measurements that may include: • measuring across the top of the shoulder of the garment • sleeve • underarm to side seam • neck circumference • waist circumference
Garment measurement table is	• the measurements of the garment not the body measurements such as hem width, sleeve length, etc. and is derived from the pattern
Grading increments may include	• growth in measurement at nominated points on pattern
Faults may include	• material faults such as weak spots, pilling, bleeding • construction process faults such as broken thread, inappropriate seams, seam finishing, seam puckering, needle damage • labelling and specifications faults such as incorrect care label and instructions, incorrect size

Unit Sector(s)

Sector	Fashion Design and Technology
---------------	-------------------------------