



Australian Government

Department of Education, Employment and Workplace Relations

LMTFD4018B Use and apply sizing systems appropriate for fashion design

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor This unit covers the skills and knowledge to use and apply sizing systems appropriate for designing garments.

Application of the Unit

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The unit applies to sizing standards that are required in the design, production and retailing of garments.

Work is conducted according to defined procedures.

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 the application of skills associated with problem solving and planning and organising to determine suitable sizing system for designs. Communication and numeracy skills are used to interpret and apply measurements and specifications and complete documentation. Self management skills are used to ensure conformance of sizing 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 Describe sizing system	1.1 Australian approaches to sizing standards are identified and described. 1.2 Sizing systems are identified and described. 1.3 International sizing systems are identified. 1.4 Advantages and disadvantages of sizing systems are described.
2 Analyse sizing requirements	2.1 Intended purpose of the design is established. 2.2 Design specifications are read and interpreted. 2.3 Design brief is clarified with designer where necessary. 2.4 Body measurements and their effect on sizing are analysed. 2.5 Body characteristics and their effect on sizing are analysed.
3 Verify design sizing	3.1 Appropriate sizes from sizing system for the design are identified and explained. 3.2 Effects of inappropriate sizing for the design are identified and explained. 3.3 Size chart is developed where required.

Required Skills and Knowledge

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

Demonstrates knowledge of:

- quality standards and garment handling procedures
- sequence of operations
- OHS practices, including hazard identification and control measures
- quality practices
- workplace practices
- recording and reporting practices

Demonstrates skills to:

- take measurements
- use numeric calculations
- 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: • describe national and international sizing • scope and interpret design brief • analyse and assess sizing for design • apply OHS practices in work operations • 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.
Sizing system may include:	- women's sizes such as 10, 12, 14, 16, etc. - men's sizes such as 92, 95, 95, etc. - women's bra sizes such as 12A, 12B, 12C, 12D, 12DD, etc. - children's sizes such as 1-7, 8-12, etc. - babies' sizes such as 0000, 000, 00, 0
Body measurements	- Body measurements must include all measurements as required for labelling according to legislation requirements which may include: - height and weight - reference points such as nape, waist point, seat vertex, abdomen vertex, carpus, neck base, upper sternum, bust point, pelvic bone - levels such as crown, shoulder, armhole, bust or chest, waist, hip, crotch, knee - girth measurements such as waist, bust or chest, hip, high hip, upper and under bust, head circumference, upper arm, wrist, thigh, calf, ankle, heel/instep - horizontal measurements such as shoulder, shoulder breadth, across front, across back, bust point to bust point - vertical measurements such as nape to centre back waist, nape to neck base, nape to bust or chest, nape to waist, nape to wrist, centre front waist to floor, centre back waist to floor, right-hand side waist to floor, left-hand side waist to floor, waist to hip, inside leg, body rise, arm length, neck length - cup size - shoe size - seat prominence - thigh - knee - instep - calf - posture
Body characteristics	- genetic, developmental and structural influences - shape classifications such as hourglass, rectangular, pear,

may include:	inverted triangle • anthropometric classifications - somatotypes • shoulder slope - raised, normal, sloping • body sway and postural asymmetry - according to lower and upper body • proportions - tall, short or average, short or long waisted, mid-body shortness
Inappropriate sizing may mean:	• that the proportion of the design will be lost if the size varies significantly from the fit model or the intended purpose of the design
OHS practices	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: • 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

Unit Sector(s)

Sector	Fashion Design and Technology
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