



Australian Government

MSTFD4018 Use and apply sizing systems appropriate for fashion design

Release: 1

MSTFD4018 Use and apply sizing systems appropriate for fashion design

Modification History

Release 1. Supersedes and is equivalent to LMTFD4018B Use and apply sizing systems appropriate for fashion design

Application

This unit of competency covers the skills and knowledge required to use and apply sizing systems appropriate for designing garments.

The unit of competency 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 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 Determine job requirements from specifications, job

sheets or work instructions

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|---|---|-----|--|
| 2 | Prepare to use and apply sizing system | 2.1 | Identify Australian approaches to sizing standards and identify features of sizing systems |
| | | 2.2 | Identify international sizing systems and determine advantages and disadvantages of different sizing systems |
| | | 2.3 | Establish intended purpose of the garment design |
| | | | |
| 3 | Develop size chart | 3.1 | Analyse sizing requirements of garment and determine sizing system |
| | | 3.2 | Read and interpret design specifications and clarify the brief with designer, where necessary |
| | | 3.3 | Analyse body measurements and body characteristics and their effect on sizing |
| | | | |
| 4 | Develop size chart | 4.1 | Identify appropriate sizes from sizing system for the design |
| | | 4.2 | Identify effects of inappropriate sizing for the design |
| | | 4.3 | Take necessary body measurements and record distinctive body characteristics |
| | | 4.4 | Develop and store size chart, as required |

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

Sizing system includes one or more of the following:

- women's sizes, such as 10, 12, 14, 16, and so on
- men's sizes, such as 92, 95, 95, and so on
- women's bra sizes, such as 12A, 12B, 12C, 12D, 12DD, and so on
- children's sizes, such as 1-7, 8-12, and so on
- babies' sizes, such as 0000, 000, 00, 0, and so on

Body measurements include one or more of the following:

- all measurements as required for labelling according to legislation requirements, such as:
 - height and weight
 - reference points, such as nape, waist point, seat vertex, abdomen vertex, carpus, neck base, upper sternum, bust point and pelvic bone
 - levels, such as crown, shoulder, armhole, bust or chest, waist, hip, crotch and knee
 - girth measurements, such as waist, bust or chest, hip, high hip, upper and under bust, head circumference, upper arm, wrist, thigh, calf, ankle and heel/instep
 - horizontal measurements, such as shoulder, shoulder breadth, across front, across back, and 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 and neck length

- cup size
- shoe size
- seat prominence
- knee
- instep
- posture

Body characteristics include one or more of the following:

- genetic, developmental and structural influences
- shape classifications, such as hourglass, rectangular, pear and inverted triangle
- anthropometric classifications (somatotypes)
- shoulder slope (raised, normal and sloping)
- body sway and postural asymmetry (according to lower and upper body)
- proportions (tall, short or average, short or long-waisted, and mid-body shortness)

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTFD4018B Use and apply sizing systems appropriate for fashion design

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 MSTFD4018 Use and apply sizing systems appropriate for fashion design

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria, and include:

- following work instructions, standard operating procedures (SOPs) and safe work practices
- reading and interpreting design specifications and Australian and international sizing systems
- analysing body measurements and body characteristics and their effect on sizing
- taking necessary body measurements and recording distinctive body characteristics
- analysing sizing requirements of at least two (2) garments, determining sizing system, and identifying appropriate sizes from sizing system for the design
- taking necessary body measurements and recording distinctive body characteristics
- identifying effects of inappropriate sizing for the design
- developing and storing size charts based on at least two (2) sizing systems.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- quality standards and garment handling procedures
- sequence of operations
- Australian Standards for sizing
- body measurements and body characteristics and their effect on sizing
- body science:
 - structural anatomy
 - morphology
 - anthropometry
- sizing systems
- recording and reporting practices.

Assessment Conditions

- Assessors must:

- satisfy the assessor competency requirements that are in place at the time of the assessment, as set by the VET regulator
- have vocational competency in fashion sizing systems, at least to the level being assessed, with relevant industry knowledge and experience.
- Assessment should occur in operational workplace situations. Where this is not possible, or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment reflecting realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications associated with this unit.

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