



Australian Government

MSTMF4003 Modify medical grade footwear

Release: 1

MSTMF4003 Modify medical grade footwear

Modification History

Release 1. Supersedes and is equivalent to LMTMF4003A Modify medical grade footwear

Application

This unit of competency covers the skills and knowledge required to modify medical grade footwear to meet changed foot conditions.

This unit of competency applies to activities associated with maintaining or modifying medical grade footwear. The unit of competency relates to modifying and repairing footwear for medical grade applications generated by direct contact by client, referral or prescription. Significant judgement is required in planning, design, technical or supervisory activities related to products or processes.

Work is generally conducted in a small business situation. Work role may include:

- sole practitioner
- member of a team of medical grade footwear specialists
- member of an enterprise or regional health care team.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Medical grade footwear

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	Review medical grade footwear	1.1	Review modification requirements and specifications to confirm required information has been provided prior to modification
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| | | 1.2 | Examine footwear to determine modification specification is suitable and practical |
| | | 1.3 | Communicate effectively with the client to obtain clear and precise information about problems with the footwear |
| 2 | Determine resources required to modify or repair medical grade footwear | 2.1 | Evaluate footwear modification requirements and identify solutions to solve a variety of design and modification problems |
| | | 2.2 | Select compatible and durable modification techniques |
| | | 2.3 | Select materials to make modifications and repairs to match medical grade footwear design requirements |
| | | 2.4 | Identify any special construction details and constraints |
| 3 | Make modifications or repairs | 3.1 | Check equipment to confirm it complies with manufacturer operating instructions and use hand tools and machinery to undertake modifications |
| | | 3.2 | Store and use modification and repair compounds such as glues and resins in accordance with work health and safety (WHS) practices and manufacturer guidelines |
| | | 3.3 | Prepare footwear appropriately for modification |
| | | 3.4 | Conduct modification to comply with specifications or requirements |
| 4 | Finish medical grade footwear | 4.1 | Review detailed information from final fitting to initiate changes to footwear if required |
| | | 4.2 | Finish off, add final components and do final check of product to ensure it complies with established quality standards prior to delivery to client |
| | | 4.3 | Maintain client files and complete administrative tasks |

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
- standard operating procedures (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

Materials include one or more of the following:

- conventional leathers
- textiles
- plastic sheeting
- padding
- reinforcement
- sole and related materials
- fastening or closing devices, such as:
 - Velcro
 - laces
 - buckles
- other items such as adhesives and threads

WHS practices

WHS practices must include hazard identification and control, risk

assessment and implementation of risk reduction measures specific to the tasks described by this unit, and include one or more of the following:

- manual handling techniques
- SOPs
- personal protective equipment (PPE)
- safe materials handling
- taking of rest breaks
- ergonomic arrangement of workplaces
- following marked walkways
- safe storage of equipment
- housekeeping
- reporting accidents and incidents
- other WHS practices relevant to the job and enterprise

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTMF4003A Modify medical grade footwear

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>