



Australian Government

MSTMF4001 Select and adjust prefabricated footwear-related orthoses

Release: 1

MSTMF4001 Select and adjust prefabricated footwear-related orthoses

Modification History

Release 1. Supersedes and is equivalent to LMTMF4001A Select and adjust pre-fabricated footwear-related orthoses

Application

This unit of competency covers the skills and knowledge required to select and adjust prefabricated footwear-related orthoses.

The unit of competency applies to activities associated with selecting and adjusting prefabricated footwear-related orthotics. Work is generally conducted in a small business situation. Work role may include that of sole practitioner or working directly with medical grade footwear practitioners.

Footwear-related orthotic devices concerned with correcting the foot problem are limited to drop foot splints, ankle or foot orthoses (AFO), ankle braces, and so on. Certain specific construction tasks associated with the fabrication may be delegated to other people, such as footwear technicians or skilled tradespeople.

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 Clarify assessments and prescriptions

1.1 Review assessments and prescriptions to confirm that all required information has been provided prior to selection and modification of prefabricated orthoses

1.2 Consult other parties, if necessary, to clarify or provide

additional information

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| 2 | Determine resources required to modify orthoses | <p>2.1 Confirm availability of materials and equipment to modify stock and prefabricated orthoses</p> <p>2.2 Assess characteristics of prefabricated orthoses against specifications</p> <p>2.3 Select materials to modify existing orthoses to match design requirements</p> <p>2.4 Obtain and clarify instructions and requirements for prefabricated orthoses</p> <p>2.5 Taking accurate measurements</p> <p>2.6 Identify and confirm costs and timelines</p> |
| 3 | Select orthoses | <p>3.1 Select appropriate tools and techniques needed to adjust orthoses to ensure achievement of design</p> <p>3.2 Select existing orthoses for repeat client if only minor design changes are required</p> <p>3.3 Adjust orthoses to accommodate client foot shape, alignment and specific footwear designs</p> <p>3.4 Check shapes of orthoses to assess effect on footwear and function</p> |
| 4 | Adjust and finish orthoses | <p>4.1 Review orthoses, match against footwear and make adjustments, as required</p> <p>4.2 Finish off orthoses to meet established quality standards</p> <p>4.3 Communicate and interact effectively with clients, component suppliers and in the workplace</p> <p>4.4 Determine modifications required to the shoe to allow for orthoses, as required</p> <p>4.5 Maintain client files and complete administrative tasks</p> |

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:

- metals
- thermoplastic
- thermoset
- leather
- appropriate textiles
- interfaces
- appropriate padding
- reinforcement
- soling and related materials
- fastening or closing devices and other specific items such as adhesives

Tools and techniques

- hand and machine tools

include one or more of the following:

- cam
- mechanical duplicators
- pour techniques
- a variety of combinations
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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 LMTMF4001A Select and adjust pre-fabricated footwear-related orthoses

Links

Companion Volume implementation guides are found in VETNet -

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