



**Australian Government**

# **Assessment Requirements for MSTMF4007 Produce accommodative orthoses**

**Release: 1**

# Assessment Requirements for MSTMF4007 Produce accommodative orthoses

## Modification History

Release 1. Supersedes and is equivalent to LMTMF5003A Produce accommodative orthoses.

## Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- produced accommodative orthoses for two different clients with different needs.

## Knowledge Evidence

There must be evidence the candidate has knowledge of:

- types of accommodative orthoses to suit differing needs
- elements and principles of medical grade orthoses and footwear design and how orthoses are used to meet specified requirements
- applied anthropometrics of the foot, including the variables in and effects of physical force systems on the body, and other physical characteristics of commercial orthoses and footwear
- construction techniques, tools and equipment used to produce and modify accommodative orthoses to meet specifications, including hand and machine-based techniques
- product and testing quality standards
- materials typically used to produce accommodative orthoses:
  - rubber
  - ethyl vinyl acetate (EVA) and polyurethane foams
  - cork
  - leather
- biomechanical requirements of orthoses, including volume expansion and functional and positioning requirements
- computer-aided design and production techniques
- safe work practices associated with producing and fitting accommodative orthoses.

## Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment, technology and resources, including:

- a workspace used to produce and adjust orthoses using hand and machine-based techniques
- safety equipment and standard operating procedures
- modelling of industry operating conditions, including access to clients.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

## **Links**

Companion Volume implementation guides are found in VETNet -

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