



**Australian Government**

# **Assessment Requirements for HLTAUD005 Dispense hearing devices**

**Release: 1**

# Assessment Requirements for HLTAUD005 Dispense hearing devices

## Modification History

Release	Comments
Release 1	<p>This version was released in <i>HLT Health Training Package release 2.0</i> and meets the requirements of the 2012 Standards for Training Packages.</p> <p>Merged HLTAU505/507. Significant changes to the elements and performance criteria. New evidence requirements for assessment, including volume and frequency requirements. Significant change to knowledge evidence.</p>

## Performance Evidence

The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role. There must be evidence that the candidate has:

- followed established procedures and protocols to independently dispense a diverse range of hearing devices to at least 20 people:
  - performed real ear measurements including real ear insertion gain (REIG) and speech mapping to accurately analyse acoustic performance against prescriptive targets,
  - analysed noise reduction, directionality, feedback mechanism and feature performance
  - modified acoustic features of ear moulds and tubing to achieve real ear prescription targets and or improve listening comfort
  - varied characteristics of devices to achieve real ear prescription targets or improve listening comfort
  - assessed subjective comfort, sound clarity and quality, occlusion, feedback, loudness comfort, and take into consideration acclimatisation requirements
- used both linear and non-linear prescription techniques

## Knowledge Evidence

The candidate must be able to demonstrate essential knowledge required to effectively complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the work role. This includes knowledge of:

- legal and ethical considerations (national and state/territory) for hearing aid dispensing:
  - duty of care

- informed consent
- privacy, confidentiality and disclosure
- codes of conduct of registering bodies
- policy frameworks, Australian Government Office of Hearing Services requirements
- work role boundaries, criteria for referral
- current range of available hearing devices, their performance features and suitability for different client needs
- linear and non-linear amplification systems and the principles of at least one of the recognised prescription techniques for both linear and non-linear hearing devices
- electronic features of digitally programmable and digital hearing devices and their effect on the amplification provided, including:
  - compression ratio
  - compression threshold/knee point
  - multi-channel compression
  - directional and omni-directional microphones
  - feedback management and cancellation systems
  - noise suppression systems
  - wireless/Bluetooth features and devices
  - other emerging technologies
- ear mould acoustics, including venting and tubing, mould materials and its effect on hearing device prescription
- how electro-acoustic properties and features interact with each other and the human ear
- strategies to resolve problems encountered in hearing device fitting according to industry best practice
- broader context knowledge in reference to other devices, including:
  - cochlear implants
  - bone anchored devices
  - other emerging devices

## Assessment Conditions

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

- use of suitable facilities, equipment and resources, including:
  - real ear measurement equipment and software
  - programming interfaces
  - manufacturer's software
  - Noah or equivalent
  - suitable fitting environment
  - repair and modification equipment
- modelling of industry operating conditions, including:

- integration of problem solving activities
- provision of services to general public

Assessors must satisfy the Standards for Registered Training Organisations (RTOs) 2015/AQTF mandatory competency requirements for assessors.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705>