



Australian Government

**Assessment Requirements for HLTDET007
Construct removable acrylic partial
dentures**

Release: 1

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Modification History

| Release | Comments |
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| Release 1 | <p>This version was released in <i>HLT Health Training Package release 3.0</i> and meets the requirements of the 2012 Standards for Training Packages.</p> <p>Minimal changes to the elements and performance criteria. New evidence requirements for assessment including volume and frequency requirements.</p> <p>Removal of pre-requisites</p> <p>Supersedes HLTDT508C</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:

- read and correctly interpreted 1 laboratory work order for removable acrylic partial denture
- used standard precautions and safe work practices during the set-up and waxing of partial dentures to produce 1 acrylic partial denture with a combination of bounded and free end saddle areas, suitable for insertion in the mouth
- critically evaluated the 1 acrylic partial denture produced to meet technical laboratory and patient requirements.

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:

- Australian/New Zealand Standards, workplace health and safety (WHS) policies, Dental Board of Australia guidelines on infection control, Commonwealth and State/Territory legislation and organisation policies relating to dental laboratory work
- advantages and disadvantages of partial dentures
- fundamental oral anatomy, including:
 - dentition – arrangement of the teeth, naming and coding of teeth

- structures of the oral cavity – hard and soft palate, lateral and posterior borders of the oral cavity, tongue and floor of the mouth
- teeth form and function
- fundamentals of dental polymers including:
 - acrylic and modified acrylic prosthetic teeth
 - acrylic plastics as soft liners
 - acrylic plastics for denture bases including composition and properties
 - acrylic-metal combinations
 - acrylics for construction of custom trays
 - modified acrylic denture base plastics including manipulation and processing
 - the polymerisation process including cross-linked polymers, copolymers, modified polymers and vinyl plastics
- principles of partial denture design
- surveying techniques
- stages in the design of partial dentures:
 - classifying, supporting and outlining the saddles
 - connecting the various components together
 - providing additional components where necessary to resist rotation
 - providing reciprocation and bracing
 - providing retention
 - reviewing the design for hygiene, support and retention.

Assessment Conditions

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

- use of suitable facilities, equipment and resources including:
 - access to work order
 - Dental Board of Australia guidelines on infection control on which the candidate bases the planning process
 - laboratory safety manuals and procedures in line with relevant Commonwealth and State/Territory legislation
 - WHS policies on which the candidate bases the planning process.

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>

