



Australian Government

Assessment Requirements for HLTDET008 Construct cast alloy removable partial denture framework

Release: 1

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Modification History

Release	Comments
Release 1	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. Minimal changes to the elements and performance criteria. New evidence requirements for assessment including volume and frequency requirements. Removal of pre-requisites Supersedes HLTDT509D

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 a set of sequenced written instructions and manufacturers' specifications for preparing materials used in a cast for removable alloy partial denture
- used standard precautions and safe work practices to construct 1 removable alloy framework that includes a combination of bounded and free end saddles
- critically evaluated the 1 cast for removable alloy 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
- 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

- dental alloys
- heat treatment
- melting and casting
- relevant material science for carrying out procedures
- solidification
- surface finishing

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>