



Australian Government

**Assessment Requirements for HLTDEN009
Produce a prescribed dental radiographic
image**

Release: 1

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Modification History

Release	Comments
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>Significant 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 HLTDA412D</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:

- produced 30 acceptable dental radiographic images in a simulated environment including:
 - applying safe work practices for dental radiography work including:
 - following standard and additional precautions
 - operating a radiographic unit correctly
 - safely using radiation in dentistry
- produced and critiqued 20 acceptable dental intraoral radiographic images taken on a minimum of 10 different people demonstrating skills in periapical (PA) and bitewings (BW)
- produced and critiqued 10 acceptable dental extraoral radiographic images taken on a minimum of 10 different people.

Knowledge Evidence

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

- national and State/Territory legal and ethical requirements and considerations for dental assisting work relevant to radiography, and how these are applied in organisations and in individual practice including:

- codes of practice and safety guides:
 - radiation protection in dentistry
 - safe use of radiation
- duty of care
- informed consent and statutory requirements of consent
- practice standards – Dental Board of Australia guidelines on infection control
- privacy, confidentiality and disclosure
- radiation user licence
- records management
- rights and responsibilities of workers, employers and patients
- work role boundaries – responsibilities and limitations
- work health and safety
- dental radiographic imaging techniques and the reasons for selection of each technique
- features, characteristics and range of movements of dental radiographic equipment associated with intraoral and extraoral radiographic images
- radiographic appearance of anatomic landmarks, normal dentition and associated bony structures for intraoral and extra-oral radiographs
- radiographic appearance of dental anomalies and common oral pathological conditions
- sources for processing and technique inaccuracies and methods to minimise errors
- requirements for personal wearable radiation monitoring devices that measures radiation exposure levels including:
 - its significance
 - where on the body the device is to be worn
 - when and where they are required to be worn
 - when they need replacing
- safety requirements of wet film processing
- procedures for labelling and storage of radiographic images in accordance with organisation policies.

Assessment Conditions

Skills must have been demonstrated in the dental clinic workplace with the addition of simulations and scenarios where the full range of contexts and situations has not been provided in the workplace.

The requirement in the performance evidence to produce 30 acceptable dental radiographic images in a simulated environment must have been demonstrated using simulation before demonstration in the workplace or with members of the general public.

The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources including:
 - barrier protection materials
 - dental chair and unit

- radiographic equipment suitable for taking intraoral and extra-oral radiographs
- operator, patient and assistant protective equipment
- processing equipment
- radiographs and/or sensors
- waste disposal equipment
- Dental Board of Australia guidelines on infection control on which the candidate bases the planning process
- modelling of industry operating conditions including access to real people for simulations and scenarios in dental assisting work.

Assessment must involve demonstration of tasks under verbal or written prescription from a dental practitioner.

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

In addition, assessors must hold a minimum of 5 years clinical experience in dental assisting work.

Links

Companion Volume implementation guides are found in VETNet -

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