



**Australian Government**

# **Assessment Requirements for HLTDEN023**

## **Produce a prescribed dental radiographic image**

**Release: 2**

## Assessment Requirements for HLTDEN023 Produce a prescribed dental radiographic image

### Modification History

| Release   | Comments                                                                                                                                                                                                                         |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Release 2 | Release 2 HLTDEN023 Produce a prescribed dental radiographic image supersedes and is equivalent to Release 1 HLTDEN023 Produce a prescribed dental radiographic image.<br><br>Updated:<br>Mapping details and minor corrections. |
| Release 1 | HLTDEN023 Produce a prescribed dental radiographic image supersedes and is equivalent to HLTDEN009 Produce a prescribed dental radiographic image.                                                                               |

### Performance Evidence

Evidence of the ability to complete tasks outlined in elements and performance criteria of this unit in the context of the job role, and:

- produce and critique 30 diagnostic standard dental radiographic de-identified images in a simulated workplace environment including:
  - applying safe work practices for dental radiography work:
    - following standard and additional precautions
    - operating a radiographic unit correctly
    - safely using radiation in dentistry
  - at least 20 of the above images must be intraoral radiographic de-identified images taken on a minimum of ten different people, demonstrating skills in periapical (PA) and bitewings (BW)
  - the remaining ten images must be extraoral radiographic de-identified images taken on a minimum of ten different people.

### Knowledge Evidence

Demonstrated knowledge required to complete the tasks outlined in elements and performance criteria of this unit:

- national and State or 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
  - current Dental Board of Australia (DBA) and Australian Health Practitioner Regulation Agency (AHPRA) guidelines and practice standards
  - privacy, confidentiality and disclosure
  - radiation user licence
  - records management
  - rights and responsibilities of workers, employers and patients
  - work role boundaries, including 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.
- correct orientation for display of images
- procedures for labelling and storage of radiographic images in accordance with organisation policies.

## Assessment Conditions

Skills must be demonstrated in a dental clinic workplace or in a simulated environment that reflects workplace conditions.

Production of intraoral and extraoral radiographic images must be compliant with current State or Territory radiation licensing requirements. Where licensing requirements preclude the operation of extraoral equipment by Dental Assistants, all performance evidence may be collected via production of intraoral radiographic images.

Assessment must ensure:

- access to suitable facilities, equipment and resources including:
  - barrier protection materials
  - dental chair and unit
  - radiographic equipment suitable for taking intraoral or extra-oral radiographs
  - practitioner, patient and assistant protective equipment
  - processing equipment
  - radiographs or sensors
  - current Dental Board of Australia (DBA) and Australian Health Practitioner Regulation Agency (AHPRA) guidelines and practice standards
- modelling of industry operating conditions including access to 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' requirements for assessors and hold a minimum of five years clinical dental experience and a current radiation user licence.

## Links

Companion Volume implementation guides are found in VETNet -

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