



Australian Government

Department of Education, Employment and Workplace Relations

HLTDT304D Articulate models and transfer records

Release: 1

HLTDT304D Articulate models and transfer records

Modification History

HLT07 Version 4	HLT07 Version 5	Comments
HLTDT304C Articulate models and transfer records	HLTDT304D - Articulate models and transfer records	Unit updated in V5. ISC upgrade changes to remove references to old OHS legislation and replace with references to new WHS legislation. No change to competency outcome.

Unit Descriptor

Descriptor

This unit of competency describes the skills and knowledge required to transfer oral records and mount models on an articulator in the reference determined by the operator

All procedures are carried out in accordance with work health and safety (WHS) policies and procedures, current infection control guidelines, Australian and New Zealand Standards, state/territory legislative requirements and organisation policy

Application of the Unit

Application

This unit applies to work in dental technology

Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Pre-requisite units

This unit must be assessed after successful achievement of pre-requisites:

- HLTIN301C Comply with infection control policies and procedures
- HLTWHS200A Participate in WHS processes

Employability Skills Information

Employability Skills

This unit contains Employability Skills

Elements and Performance Criteria Pre-Content

Elements define the essential outcomes of a unit of competency.

The Performance Criteria specify the level of performance required to demonstrate achievement of the Element. Terms in italics are elaborated in the Range Statement.

Elements and Performance Criteria

ELEMENT

PERFORMANCE CRITERIA

1. Select and prepare the articulator

- 1.1 Apply *standard precautions* when receiving, handling and working on dental materials
- 1.2 Decontaminate occlusal registration rims according to infection control guidelines
- 1.3 Confirm requirements of prescription
- 1.4 Select and adjust *articulator* in accordance with prescription
- 1.5 Ensure all adjustable settings of the articulator are set to their neutral or zero settings
- 1.6 Identify the mounting method to be used

ELEMENT	PERFORMANCE CRITERIA
2. Select and prepare materials	2.1 Position models and oral records in articulator for a range of <i>prosthetic appliances</i> 2.2 Prepare mounting materials and apply to models 2.3 Establish and secure centric records 2.4 Remove excess material and smooth to produce a neat finish 2.5 Clean equipment
3. Transfer oral records to articulator	3.1 Transpose <i>records</i> as provided 3.2 Record midline 3.3 Set and record vertical height 3.4 Set the condylar angles to the prescription given

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This describes the essential skills and knowledge and their level required for this unit.

Essential knowledge:

The candidate must be able to demonstrate essential knowledge required to effectively do the task outlined in elements and performance criteria of this unit, manage the task and manage contingencies in the context of the identified work role

This includes knowledge of:

- Applied oral anatomy
 - 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
 - dentition - arrangement of the teeth, naming and coding of teeth
- Articulation procedures
- Infection control guidelines for the decontamination of clinical material
- Mechanical devices: articulators, face-bows
- Recording techniques and devices
- Relevant material science for carrying out procedures

Essential skills:

It is critical that the candidate demonstrate the ability to

- Consistently transfer all records
- Consistently mount models with attached registrations rims in accordance with requirements
- Consistently comply with current infection control guidelines, Australian Standards and legislative requirements as they relate to the dental technician's specific job role
- Consistently comply with work health and safety (WHS) policies and procedures as they relate to the dental technician's specific job role

In addition, the candidate must be able to effectively do the task outlined in elements and performance criteria of this unit, manage the task and manage contingencies in the context of the identified work role

REQUIRED SKILLS AND KNOWLEDGE

This includes the ability to:

- Consistently follow safe work practices and apply standard precautions during the transfer of records and the articulation of models
- Consistently follow work health and safety (WHS) policies and procedures
- Consistently read and interpret the prescription correctly
- Consistently follow sequenced written instructions and manufacturer specifications for the preparation of materials
- Critically evaluate all work produced so as to consistently meet both the technical requirements of the laboratory and client requirements
- Select procedures to prepare a range of custom trays
- Use literacy skills to read and follow directions, policies and procedures including:
 - material safety data sheets
 - laboratory policies and procedures

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for this Training Package.

Critical aspects for assessment and evidence required to demonstrate this competency unit:

- The individual being assessed must provide evidence of specified essential knowledge as well as skills
- Assessment should replicate workplace conditions as far as possible
- Consistency of performance should be demonstrated over the required range of workplace situations

Context of and specific resources for assessment:

- Simulations may be used to represent workplace conditions as closely as possible
- Where, for reasons of safety, access to equipment and resources and space, assessment takes place away from the workplace, simulations should be used to represent workplace conditions as closely as possible

EVIDENCE GUIDE

Method of assessment

- Evidence of essential knowledge and understanding may be provided by:
 - traditional or online (computer-based) assessment
 - written assignments/projects
- Case study and scenario as a basis for discussion of issues and strategies to contribute to best practice
- Questioning
- Staff and/or client feedback
- Supporting statement of supervisor
- Authenticated evidence of relevant work experience and/or formal/informal learning
- Role play/simulation

Access and equity considerations:

- All workers in the health industry should be aware of access and equity issues in relation to their own area of work
- All workers should develop their ability to work in a culturally diverse environment
- In recognition of particular health issues facing Aboriginal and Torres Strait Islander communities, workers should be aware of cultural, historical and current issues impacting on health of Aboriginal and Torres Strait Islander people
- Assessors and trainers must take into account relevant access and equity issues, in particular relating to factors impacting on health of Aboriginal and/or Torres Strait Islander clients and communities

Range Statement

RANGE STATEMENT

The Range Statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance.

RANGE STATEMENT

Articulators may include:

- Average value articulators
- Fully adjustable articulators
- Simple hinge articulator

Prosthetic appliances may include:

- Complete and partial dentures
- Crown and bridge
- Implant
- Splints

Records may include:

- Canine points
- Centre line
- High smile line

Unit Sector(s)

Not Applicable