



**Australian Government**

# **HLTDET001 Construct models**

**Release: 1**

## HLTDET001 Construct models

### 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>Minimal changes to the elements and performance criteria. New evidence requirements for assessment including volume and frequency requirements. Removal of pre-requisites</p> <p>Supersedes HLTDT301D</p>

### Application

This unit of competency describes the skills and knowledge required to construct models from impressions of the patient's maxillary or mandibular jaws.

This unit applies to work in dental technology.

*The skills in this unit must be applied in accordance with Commonwealth and State/Territory legislation, Australian/New Zealand Standards and industry codes of practice.*

### Elements and Performance Criteria

#### ELEMENT

Elements define the essential outcomes

1. Verify integrity of impressions

#### PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.1 Apply standard precautions when receiving, handling and working on dental materials

1.2 Decontaminate impressions according to infection control guidelines

1.3 Examine impressions for defects

1.4 Check impressions to ensure they meet the specifications of the work order

1.5 Handle impressions with care to avoid damage or distortion

**ELEMENT****PERFORMANCE CRITERIA**

Elements define the essential outcomes

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.6 Ensure accompanying models are intact with no defects or adjustments required

1.7 Prepare a range of impressions for pouring

2. Select and prepare model materials

2.1 Select appropriate model materials

2.2 Ensure all equipment used for mixing materials is clean

2.3 Prepare model materials in accordance with desired outcomes

2.4 Maintain and store model materials in accordance with manufacturers' instructions

3. Pour impressions

3.1 Pour model materials into impressions in accordance with accepted techniques

3.2 Allow required setting time

4. Finish model

4.1 Separate intact model from the impression.

4.2 Inspect the model for defects

4.3 Trim the model in accordance with requirements

4.4 Duplicate the master model to create a working model where required by work order

**Foundation Skills**

*The Foundation Skills describe those required skills (language, literacy, numeracy and employment skills) that are essential to performance.*

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

## Unit Mapping Information

No Equivalent Unit

## Links

Companion Volume implementation guides are found in VETNet -

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