

## PROCESS PROPOLIS

**UNIT CODE:** 0811 341 04 A

**TVET CDACC UNIT CODE:** AGR/OS/APIPR/CR/04/4/MA

### UNIT DESCRIPTION

This unit specifies the competencies required to process propolis. It involves preparing materials for processing propolis, preparing processing equipment, processing propolis and performing post processing procedures.

### ELEMENTS AND PERFORMANCE CRITERIA

| <b>ELEMENT</b><br>These describe the <b>key outcomes</b> which make up <b>workplace function</b> . | <b>PERFORMANCE CRITERIA</b><br>These are <b>assessable</b> statements which specify the required level of performance for each of the elements.<br><i><b>Bold and italicized terms are elaborated in the Range</b></i>  |
|--|---|
| 1. Prepare materials for processing propolis   | 1.1 Materials for processing propolis are identified as per the workplace procedures<br>1.2 Materials for processing propolis are assembled and sorted as per the workplace procedures  |
| 2. Prepare processing equipment  | 2.1 Processing equipment are identified as per the workplace procedures<br>2.2 Processing equipment are assembled as per the workplace procedures<br>2.3 Processing equipment are set up as per the workplace procedures<br>2.4 Hygienic and safety measures are considered as per the workplace procedures |
| 3. Process propolis  | 3.1 Raw propolis is assembled as per the workplace procedures<br>3.2 <i><b>Foreign materials</b></i> are removed as per the workplace procedures<br>3.3 Right processing steps are initiated as per guidelines<br>3.4 Propolis is stored as per the workplace procedures                                    |
| 4. Perform post processing procedures  | 4.1 Propolis is packaged and labeled as per the workplace procedures<br>4.2 Waste material are disposed as per workplace guidelines   |

### RANGE

This section provides work environments and conditions to which the performance criteria apply. It allows for different work environments and situations that will affect performance.

| <b>Variables</b>                                  | <b>Range</b><br><b>Includes but not limited to:</b>   |
|---|---|
| Foreign materials may include but not limited to: | <ul style="list-style-type: none"> <li>• Dead bees</li> <li>• Dust</li> <li>• Wood debris</li> <li>• Soil particles</li> <li>• Wax</li> </ul> |

## **REQUIRED SKILLS AND KNOWLEDGE**

This section describes the skills and knowledge required for this unit of competency.

### **Required Skills**

The individual needs to demonstrate the following skills:

- Organizing
- Analytical
- Negotiation
- Interpersonal
- Communication
- Evaluation
- Problem solving
- Critical thinking

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### **Required Knowledge**

The individual needs to demonstrate knowledge of:

- Bee products
- Processing equipment
- Food grade materials
- Work place safety precautions
- Public health
- Food grade materials
- Differentiation of Honey bee combs

## **EVIDENCE GUIDE**

This provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge and range.

|                                   |   |
|-----------------------------------|---|
| 1. Critical Aspects of Competency | Assessment requires evidence that the candidate:<br>1.1 Identified bee products |
|-----------------------------------|---|

|  |  |
|--|--|
|  | 1.2 Identified processing equipment<br>1.3 Assembled processing equipment<br>1.4 Considered Hygienic and safety measures<br>1.5 Initiated right processing steps as per guidelines<br>1.6 Collected raw propolis<br>1.7 Removed foreign materials from propolis<br>1.8 Stored propolis as per the workplace procedures |
| 2. Resource Implications               | The following resources should be provided:<br>2.1 Appropriately simulated environment where assessment can take place<br>2.2 Access to relevant workplace assessment environment<br>2.3 Resources relevant to the proposed assessment activity or tasks   |
| 3. Methods of Assessment               | Competency may be assessed through:<br>3.1 Written tests<br>3.2 Third party reports<br>3.3 Oral questioning<br>3.4 Interview<br>3.5 Observation  |
| 4. Context of Assessment               | Assessment could be conducted:<br>4.1 On-the-job<br>4.2 Off-the –job<br>4.3 During Industrial attachment   |
| 5. Guidance information for assessment | Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.   |