

BEE WAX PROCESSING

UNIT CODE: 0811 341 03A

TVET CDACC UNIT CODE: AGR/CU/APIPR/CR/03/4/MA

Relationship to Occupational Standards

This unit addresses the unit of competency: Process bees' wax

Duration of Unit: 70 hours

Unit Description

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

Summary of learning outcomes

By the end of this unit of learning, the trainee should be able to:

S/No	Learning Outcomes	Duration (Hours)
1.	Prepare materials for processing bees wax	20
2.	Prepare processing equipment	20
3.	Process bees wax	20
4.	Perform post processing procedures	10
Total		70

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Prepare materials for processing bees wax	1.1 Identification of raw materials for processing bees wax <ul style="list-style-type: none">Types of combsSorting of combs 1.2 Assembling raw materials for processing bees wax	<ul style="list-style-type: none">Written testObservationThird party reportOral questioningInterviews

Learning Outcome	Content	Suggested Assessment Methods
2. Prepare processing equipment	2.1 Identification of the processing equipment 2.2 Assembling processing equipment 2.3 Setting up processing equipment 2.4 Safety and hygiene measures in processing	<ul style="list-style-type: none"> • Written test • Observation • Third party report • Oral questioning • Interviews
3. Process bees wax	3.1 Selection of the processing method 3.2 Procedure for processing bee's wax 3.3 Settling of bees wax 3.4 Storage conditions for processed wax 3.5 Storage equipment for processed bee's wax 3.6 Procedure for storage of bee's wax 3.7 Safety and hygiene measures while storing bees wax	<ul style="list-style-type: none"> • Written test • Observation • Third party report • Oral questioning • Interviews
4. Perform post processing procedures	4.1 Packaging, labelling and storage of bee wax 4.2 Management and disposal of wastes	<ul style="list-style-type: none"> • Written test • Observation • Third party report • Oral questioning • Interviews

Suggested Methods of Instruction

- Projects
- Demonstration by trainer
- Practice by the trainee
- Discussions
- Direct instruction

Recommended Resources

- Packaging material
- Packaging equipment
- Wax straining bag
- Steam wax extractors
- Processing equipment
- Molds
- Storage equipment
- Bar soap
- Source of heat

- Combs

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