

SAFETY AND HYGIENE

UNIT CODE: 1022 341 06 A

TVET CDACC UNIT CODE: AGR/CU/API/CC/03/4/MA

UNIT DURATION: 100 Hours

Relationship to Occupational Standards

This unit addresses the Unit of Competency: Apply Bee Product Safety and Hygiene

Unit Description

This unit covers the competencies required to apply bee product safety and hygiene. It involves applying knowledge of apiary attendant safety, hygiene and bee product safety and hygiene

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. | Apply knowledge of apiary attendant safety | 50 |
| 2. | Apply knowledge apiary attendant hygiene | 30 |
| 3. | Apply knowledge of bee products safety and hygiene | 20 |
| Total | | 100 |

Learning Outcomes, Content and Suggested Assessment Methods

| Learning Outcomes | Content | Suggested Assessment Methods |
|--|--|---|
| 1. Apply knowledge of apiary attendant safety | 1.1 PPEs <ul style="list-style-type: none"> 1.1.1 bee suit 1.1.2 gloves 1.1.3 gumboots 1.2 Bee behaviour and communication <ul style="list-style-type: none"> 1.3 Bee handling 1.4 First aid | <ul style="list-style-type: none"> • Practical • Project • Written tests • Third party report • Portfolio of evidence • Oral questions |
| 2. Apply knowledge of apiary attendant hygiene | 2.1 Personal grooming <ul style="list-style-type: none"> 2.1 Nail care 2.2 Bathing 2.3 Hair care 2.4 Avoid perfumes 2.5 Hand washing 2.2 Personal clothing <ul style="list-style-type: none"> 2.2.1 Wearing white dust coat 2.2.2 Donning hair net 2.2.3 Wearing clean clothes 2.3 Public health regulations in bee product handling | <ul style="list-style-type: none"> • Practical assessments • Written tests • Third party report • Interviews/ Oral questions • Portifolio of evidence review |
| 3. Apply knowledge of bee products | 3.1 cleaning and sanitation procedures <ul style="list-style-type: none"> 3.1.1 Cleaning in place 3.1.2 Cleaning out of place. 3.2 personal hygiene operations | <ul style="list-style-type: none"> • Practical • Project • Written tests • Third party report |

| | | |
|--------------------|---|---|
| safety and hygiene | 3.2.1 Wearing PPEs 3.3.2 General cleanliness 3.3.3 Personal grooming 3.3.5 Staff vaccination 3.3 clean and sanitation efficiency 3.4 bee product hygiene records | <ul style="list-style-type: none"> • Portfolio of evidence • Oral questions |
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Suggested Methods of Instruction

- Direct instruction
- Practical
- Demonstrations
- Group discussion
- Project-Based Learning (PBL)

Recommended Resources for 25 Trainees

| S/NO | Items | Specifications | Quantity | Ratio |
|------|---------------------|----------------|----------|-------|
| 1 | Lecture room | | 1 | 1:25 |
| 2 | Projecter | | 1 | 1:25 |
| 3 | Laptop | | 1 | 1:25 |
| 4 | Brooms | | 15 | 1:2 |
| 5 | Moppers | | 15 | 1:2 |
| 6 | Dusters | | 15 | 1:2 |
| 7 | Sponges | | 15 | 1:2 |
| 8 | detergents | | 250L | 10:1 |
| 9 | hand sanitizer | | 50L | 5:1 |
| 10 | Colonised bee hives | | 5 | 1:5 |