

CONSTRUCT KIENYEJI CHICKEN STRUCTURES

UNIT CODE: 0732 241 01A

TVET CDACC UNIT CODE: POL/OS/KE/CR/01/3/MA

UNIT DESCRIPTION:

This unit specifies the competencies required to construct kienyeji chicken structures. It involves preparations to construct Kienyeji chicken structures, construction of Kienyeji chicken structures and equipping the Kienyeji chicken structures.

| ELEMENT | PERFORMANCE CRITERIA |
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| These describe the key outcomes which make up workplace function. | <p>These are assessable statements which specify the required level of performance for each of the elements.</p> <p><i>Bold and italicized terms are elaborated in the range.</i></p> |
| 1. Prepare to construct <i>Kienyeji</i> chicken structures | <p>1.1 Personal Protection Equipment and Apparel (PPEs) are gathered and donned based on work requirements</p> <p>1.2 Construction materials are assembled at construction site according to work place policy</p> <p>1.3 Occupational safety and health procedures is identified as per work place procedures.</p> <p>1.4 Site of the <i>Kienyeji</i> house is cleared based on guidelines in the <i>Kienyeji</i> Production Manual (<i>PPM</i>)</p> <p>1.5 Construction records were identified as per work place procedure.</p> |
| 2. Construct Kienyeji chicken house structure | <p>2.1 <i>Kienyeji chicken house</i> layout is pegged according to design</p> <p>2.2 Poultry house foundation is excavated based on house design, topography and soil type</p> <p>2.3 Poultry house foundation is laid based on type of construction materials and design</p> |

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| | 2.4 Kienyeji chicken house parts are constructed as per house design and type of construction materials procured. |
| 3. Equip <i>Kienyeji</i> chicken house | <p>3.1 Kienyeji chicken house equipment installed or stored as per specifications in the poultry production manuals</p> <p>3.2 Fixed Kienyeji chicken house structures are constructed as per provided design and type of construction materials available</p> <p>3.3 Movable poultry house structures are installed in the poultry house based on the design and pattern recommended in the PPM</p> |

RANGE

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

| Variable | Range |
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| 1. PPM includes but not limited to | <ul style="list-style-type: none"> • National Poultry Development Programme Manual • Production manuals by breeding and multiplication organizations like Issa Brown, Cobb, Kenchic and KALRO |
| 2. Personal Protection Equipment and Apparel (PPEs) may include but not limited to: | <ul style="list-style-type: none"> • Overalls • Gumboots • Nose and mouth mask • Goggles • Gloves • Head gear |
| 3. Kienyeji chicken house may include but not limited to: | <ul style="list-style-type: none"> • Standard open sided house • Environmentally controlled house • Slated floor house • Battery cage house • Deep litter house |
| 4. Kienyeji chicken house parts may include but not limited to: | <ul style="list-style-type: none"> • Walls • Floor • Roof |
| 5. Kienyeji chicken house structures includes but not limited to | <ul style="list-style-type: none"> • Perches • Laying boxes /nests • Cages • Electrical / water lines • Slatted floors • Brooder |

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| | <ul style="list-style-type: none"> • Pallets | |
| 6. Kienyeji chicken house equipment may include but not limited to: | <ul style="list-style-type: none"> • Waterers • Feeders • Thermometer | <ul style="list-style-type: none"> • Heat source • Hygrometer |

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:

- Communication
- Carpentry
- Fabrication
- Negotiation
- Numeracy
- Observation
- Problem solving

Required knowledge

The individual needs to demonstrate knowledge of:

- Area measurements and conversions
- Types and dimensions of *Kienyeji* chicken house designs
- Carpentry
- *Kienyeji* chicken allowances for feeding and watering spacing
- Geometry (symmetry)
- Handling and assessment construction materials
- House orientation
- Occupational health and safety procedures
- Types of poultry house equipment

EVIDENCE GUIDE

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

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| 1. Critical Aspects of Competency | Assessment requires evidence that the candidate: 1.1 Gathered and donned appropriate Personal Protection Equipment and Apparel (PPE) based on work requirements 1.2 Constructed poultry house parts as per provided house design and type of construction materials assembled. 1.3 Constructed poultry house structures as per provided design and type of construction materials available 1.4 Installed poultry house structures timely as per the pattern recommended in the PPM 1.5 Poultry house equipped with required poultry house equipment |
| 2. Resource Implications | The following resources MUST be provided: 2.1 Assessment location / Upcoming layer production farm 2.2 Personal Protective Equipment and Apparel 2.3 Assessment materials |
| 3. Methods of Assessment | Competency may be assessed through: 3.1 Observation 3.2 Written tests 3.3 Oral questioning 3.4 Third party report |
| 4. Context of Assessment | Competency may be assessed on the job, off the job or during industrial attachment. Off the job assessment must be undertaken in a closely simulated workplace environment. |
| 5. Guidance information for assessment | Holistic assessment with other units relevant to the industry sector, workplace and job roles is recommended. |