



REPUBLIC OF KENYA

**COMPETENCY BASED MODULAR CURRICULUM FOR
AIRPORT OPERATIONS KNQF LEVEL 6**

(CYCLE 3)

PROGRAMME ISCED CODE: 1015 554 A



**TVET CDACC
P.O. BOX 15745-00100 NAIROBI**

WAREHOUSING

ISCED UNIT CODE: 101555104A

TVET CDACC UNIT CODE: LOG/CU/AO/CR/02/6/MA

Relationship to Occupational Standards

This unit addresses the Unit of Competency: **Perform Warehousing Operations**

Duration of Unit: 100 Hours

Unit Description

This unit describes competencies required to performing warehousing operations. It involves designing warehouse layout, maintaining warehoused goods layout, maintaining records of stored goods, maintaining quality of stored goods, securing stored goods and managing warehouse plant and equipment.

Summary of Learning Outcomes

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

S/No	Learning Outcomes	Duration (Hours)
1.	Design warehouse layout	10
2.	Maintain warehoused goods layout	20
3.	Maintain stored goods records	20
4	Maintain stored goods quality	20
5	Secure stored goods	20
6	Manage warehouse plant and equipment	10
	Total	100

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
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1 Design Warehouse Layout	1.1 Introduction to warehousing 1.2 Characteristics of a warehouse 1.3 Warehousing factors 1.4 Types of warehouses 1.5 Designing procedures	<ul style="list-style-type: none"> • Written tests • Observation • Oral questions • Third party report • Interviewing • Project and report writing
2 Maintain Warehoused Goods Layout	2.1 Meaning of terms 2.2 Classification of goods 2.3 Types of warehouse layout 2.4 Storage requirements 2.5 Safety procedures	<ul style="list-style-type: none"> • Written tests • Observation • Oral questions • Third party report • Interviewing • Project and report writing
3 Maintain Stored Goods Records	3.1 Introduction to record keeping 3.2 Importance of record keeping 3.3 Types of record keeping 3.4 Stock taking procedures 3.5 Warehousing documentation	<ul style="list-style-type: none"> • Written tests • Observation • Oral questions • Third party report • Interviewing • Project and report writing
4 Maintain Stored Goods Quality	4.1 Introduction to goods quality 4.2 Preservation methods 4.3 Handling equipment 4.4 Goods handling methods 4.5 Pest control procedures	<ul style="list-style-type: none"> • Written tests • Observation • Oral questions • Third party report • Interviewing • Project and report writing
5 Secure Stored Goods	5.1 Introduction to goods security 5.2 Advantages and disadvantage 5.3 Security threats and mitigation process 5.4 Security control measures 5.5 Goods control system	<ul style="list-style-type: none"> • Written tests • Observation • Oral questions • Third party report • Interviewing • Project and report writing
6 Manage Warehouse Plant and Equipment	6.1 Introduction to warehouse plant and equipment 6.2 Properties of plant and	<ul style="list-style-type: none"> • Written tests • Observation • Oral questions

	equipment 6.3 Types of warehouse equipment 6.4 Uses of warehouse plant and equipment 6.5 Maintenance procedures	<ul style="list-style-type: none"> • Third party report • Interviewing • Project and report writing
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Suggested Methods of Delivery

- Project
- Demonstration by trainer
- Practice by the trainee
- Discussions
- Direct instruction
- Case study
- Audio –visual aids

Recommended Resources

- Refuelers
- Tugs and tractors
- Ground power units
- Buses
- Container loader
- Transporters
- Air Start Unit (ASU)
- Potable water trucks
- Lavatory service vehicles
- Catering vehicle
- Belt loaders
- Passenger boarding steps/stairs
- Pushback tugs and tractors
- De/anti-icing vehicles